Oil, Paint and Drug Reporter

THE CHEMICAL MARKET AUTHORITY

SINCE 1871

Volume 134 NOVEMBER 28, 1938 Number 22

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PRODUCERS OF SYNTHETIC ORGANIC CHEMICALS

NOV 28 1938
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CHEMISTS' CLUB

Oil, Paint and Drug Reporter

Founded 1871 by William O. Allison

Volume 134 NOVEMBER 28, 1938 Number 22

Chemical Workers Show Increase

Employment Up 0.3 Percent —Payroll Totals Gain—Both Below October Last Year

Employment in factories engaged in the manufacture of chemicals and related products in the United States noted an increase of 0.3 percent from September 15 to October 15, according to the Bureau of Labor Statistics. At the end of the monthly period employment was 11.8 percent below the corresponding level of October, 1937. Payrolls showed an increase of 0.7 percent from September 15 to October 15, but stood 12.9 percent below the corresponding level for October, 1937.

The Bureau of Labor Statistics index number for factory employment in the chemical group of industries October 15, 1938, was 113.4 (100 equals 1923-25 average), compared with 113.0 for September and 128.5 for October last year. For payroll totals the index number was 119.8 (same basis), compared with 118.9 for September and 135.1 for October last year.

The bureau's general index numbers for all manufacturing industries October 15, 1938, showed the following comparisons:—

	Oct. 1938.	Sept. 1938.	Oct. 1937.
Employment	89.5	88.8	107.2
Payroll totals	83.7	81.0	104.5

Employment in the chemical group of industries October 15 was 31.1 percent above the average for all industries. Payroll totals were 20.6 percent above the general average for all industries.

Detailed Comparisons

Employment

	Oct. 1938.	Sept. 1938.	Oct. 1937.
Chemicals	114.8	112.5	137.7
Cottonseed oil, cake and meal	122.0	113.5	153.2
Druggists' preparations	110.8	110.0	119.1
Explosives	84.1	84.9	91.8
Fertilizers	78.7	82.1	89.4
Paint and varnishes	112.9	112.5	127.3
Petroleum, refined	119.4	121.0	129.4
Rayon and allied products	314.4	315.2	361.8
Soap	93.2	92.6	94.6

—Continued on page 33

DCAT Dinner Set for Mar. 9

The fourteenth annual trade and industry dinner of the Drug, Chemical and Allied Trades Section of the New York Board of Trade is scheduled for the evening of March 9, 1939. It will be staged in the Waldorf Astoria hotel, this city.

Groundwork in the planning of the 1939 dinner was started at the annual meeting of the section November 22, and the preparations will be pushed speedily and vigorously. The new chairman of the section, to be elected November 29, will make his first official business the selection of committees for the several dinner activities, and every member of the section will be asked to function as a special committee of one in promoting attendance.

Wage-Hour Law Suits Predicted by Andrews

OPD Washington Bureau
November 22, 1938

Enforcement proceedings will be started soon against violators of the wage and hour law, it was announced today by Administrator Elmer F. Andrews. He declared that first cases would be brought against employers who openly defy the law by announcing their intention not to comply with it.

A special section for enforcement of the wage and hour law has been created in the antitrust division of the Department of Justice.

Mr. Andrews stated that government attorneys do not agree with the contention that the law permits reduction of wages to the statutory minimum of 25 cents an hour in order to avoid payment of time and one-half for overtime beyond forty-four hours a week. He also warned employers against attempting to have their employees sign waivers of their statutory rights to minimum wages or overtime payments.

British Tariff Bargain Furthers Cresol Imports

OPD Washington Bureau
November 21, 1938

A long list of chemicals and related products are included as concessions in the tariff bargain just signed between the United States and the United Kingdom, but many of these so-called "concessions" are simply bindings against the imposition of additional duties during the three-year life of the agreement.

The agreement covers not only the United Kingdom but also Newfoundland and some fifty Crown colonies and non-self-governing parts of the British Empire, but not the Dominions, though it is closely related to the new agreement simultaneously signed with Canada.

The commodities on which specific concessions, including bindings, are provided represented in 1936 a trade between the United States and these parts of the British Empire of about $675,000,000.

The agreement is particularly important to agriculture because the United Kingdom is by far the principal market for American agricultural exports, and important concessions have been secured in this market, one of which is abolition of the British duty on lard. The British also give some concessions for American industrial, forest, and fishery products.

Most of the concessions made by the United States, except those made to the colonies, are on manufactured articles, particularly textiles, metal products, and various specialties. These cover commodities of special interest to the United Kingdom, imports of which from that country amounted to $141,500,000 in 1937. In the case of nearly all the products on which United States duties are reduced, the United Kingdom is the principal supplier, and the Department of State declares that great care has been taken to keep the reductions within such limits as to avoid injury to American industry.

Concessions made to British colonies consist chiefly of maintaining the duty-free status of certain products, while most of the colonial concessions to the United States consist of binding relatively low rates of duty and particularly binding or reducing the margin of British imperial preference.

U.K. Duty on Lard Removed

Elimination of the British duty of 10 percent on American lard is declared by the Department of State to be particularly important, since lard ranks next to cotton and tobacco in exports of agricultural products to England.

Most chemicals sold by the United States to the United Kingdom, the department says, are either free of duty or subject to the low rate of 10 percent advalorem. On several items bearing higher rates, covering a past trade of about $400,000 annually, the rates are reduced by from one-fourth to one-half; toilet preparations are particularly important in this group. The value of the trade in the free items and the items subject to the 10-percent duty, which are bound, is around $10,000,000 annually. The most important of the free

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Dow Co. to Absorb Great Western Chemical

The directorate of the Dow Chemical Company, Midland, Mich., has approved a plan calling for the absorption of the Great Western Electro-Chemical Company, San Francisco, Calif. If the proposed plan is approved by the stockholders of the respective companies at special meetings December 22, the merger plan which will be effected by an exchange of stock, will become operative on or before December 31, 1938. On the basis of

Willard H. Dow

the market value of the Dow stock on November 19, the date on which the Dow directorate approved the plan, the purchase price would approximate $11,703,355.

The Great Western Electro-Chemical Company had its inception in 1915, when plans were being sought to find an outlet for an electric power surplus then being produced by the Great Western Power Company. Construction of the plant was actually started in July, 1916, at Pittsburgh, California, approximately 40 miles northeast of San Francisco. As originally built the plant had a daily capacity of 10 tons of chlorine and 12 tons of caustic soda and manufacturing operations were confied to these two products for awhile.

Great Western achieved a degree of success through the World War period but many of its markets were com-

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Trade Pact with Greece Signed

OPD Washington Bureau
November 23, 1938

The Department of State has announced the signing of a provisional commercial agreement between the United States and Greece, continuing general provisions established by exchange of notes in 1924, under which each country guarantees the other nondiscriminatory treatment in respect of tariff rates and other forms of trade control. The agreement is not a tariff bargain and makes no changes in the duties on any commodities.

Patents Investigation Will Be Tripartite

OPD Washington Bureau
November 21, 1938

Hearings in the so-called "monopoly investigation" will open before the Temporary National Economic Committee December 1 and will run continuously for three weeks, resuming again some time in January.

The first few days of the hearings will be devoted to statements by three government economists who have been working closely with the committee, Dr. Isador Lubin, Commissioner of the Bureau of Labor Statistics; Dr. Willard L. Thorp, economist for Dun & Bradstreet, temporarily connected with the Bureau of Foreign and Domestic Commerce, and Leon Henderson, economist of the Works Progress Administration and executive secretary of the TNEC. The statements of these men will be factual delineations of changes in eco-

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Motor Truck Regulations Opposed by Industrial Groups

OPD Washington Bureau
November 23, 1938

Representatives of the chemical, oil, and gas industries appeared at the hearings conducted in Washington this week pertaining to the Interstate Commerce Commission's proposed regulations for truck transportation of explosives and other dangerous articles, to offer suggestions pertinent to their industries. Commissioner John L. Rogers presided at the hearings.

The case under consideration was ex parte M. C. 13, relating to the application of the proposed regulations to common and contract carriers, and the question of extension of the regulations to cover private carriers. Similar hearings had already been held in Tulsa and Los Angeles.

M.C.A. Questions Authority

Representatives of the Manufacturing Chemists Association opposed the regulations in so far as they may be applied to private motor carriers. They declared that there is no authority in the motor carrier act to empower the Interstate Commerce Commission to regulate private carriers in the absence of a finding that there is need for such regulation, and that if such need be found, Interstate Commerce Commission authority would be limited strictly to supervision of maximum hours of service of employees, standards of equipment, and reasonable requirements of safety of operation. The proposed regulations exceed such limits, they pointed out, specifying in addition container and package specifications, labeling, placarding, handling, and loading.

The association's witnesses also said that, with regard to the chemical industries, the proposed regulations would contribute nothing to public safety because the necessary precautions are already being taken by the industries of their own volition.

Appearing for the association were F. T. Ridle, counsel; A. D. Whittemore, M. F. Crass, H. J. Gronemeyer, and F. G. Moore. Mr. Crass' testimony dealt with the revision of the proposed regulations as recommended by the carboy, poisonous articles, and miscellaneous packages and the steel barrels and drums committees of the association, with particular reference to inflammable liquids and solids, corrosive liquids, oxidizing materials, and poisonous articles. Mr. Gronemeyer presented the recommended revisions suggested by the tankcar committee with reference to the proposed specification on tankcars, and Mr. Moore testified regarding recommended changes in items pertaining to traffic matters.

A.P.I. Suggests Changes

Fayette B. Dow, appearing for the general committee on automotive transportation of the American Petroleum Institute, declared that the oil industry is apprehensive lest the commission's jurisdiction over private carriers, which

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Closing Market Developments

London Closing Cable

LONDON, Nov. 25, 1938

Quicksilver was higher at £14 15s. to £14 10s. 6d. per flask. Carnauba wax was quoted 150s. per hundredweight.

Lemongrass Oil Lower

Prices on lemongrass oil were lower on spot, the new basis of 34c. to 36c. per pound being set up on prompt deliveries as the result of local competition.

Menthol More Competitive

The menthol market late last week turned easier under competition and at the close of the period local quotations were noted at $3.10 to $3.20 per pound.

Cadmium Metal Reduced

Quotations were reduced 10c. per pound to the basis of 85c. per pound for shapes. Rough metal was 60c. per pound. Orange cadmium sulphide has been reduced 5c. to the basis of 90c. per pound, effective today.

Cottonseed Oil Steady

Cottonseed oil futures were steady late in the week, price movements on Friday being within narrow limits. March closed at 7.65c. to 7.66c., and May 7.75c. to 7.76c., showing a moderate decline as compared with the final quotations of the previous Friday. Trading was quiet.

Cantharides Becomes Scarce

Offerings of Chinese cantharides from the source ceased and reports indicated a scarcity of supplies locally and in the primary market. Spot quotations on whole flies were advanced to 70c. to 75c. per pound; powder, 85c. to 90c. This material is shipped through south China ports.

Foreign Trade Rules

Information recently published by the Department of Commerce on foreign tariff and related trade regulations include the following:—

Cuban Trademarks:—The effective date of the decree requiring that the numbers of the trademark registrations of pharmaceutical products be published on labels, has been postponed from December 1, 1938, to March 1, 1939.

Phosphate Slag:—The exportation, as well as the re-exportation after warehousing, has been prohibited by France.

Phosphorus Trichloride:—Italy has continued the privilege of temporary importation with provisions for drawback upon re-exportation after further manufacturer of phosphorus trichloride.

Soap Bark:—Chile has established new regulations governing the standards of quillay bark for export from Chile. Export shipments will be subject to sample and analysis by the Chilean Export Control Service.

Tanning Extracts:—A Rumanian decree prohibits the exportation of tanning extracts.

Tapioca:—Formerly subject to an export duty of 80 francs per 1,000 kilos gross, tapioca has been made exempt from export duty in French Togoland.

Venezuela Invoices:—A revised form of consular invoice, containing an additional column to show the country of origin of the goods, has been prescribed for use on shipments to Venezuela on and after November 23, 1938.

Pigment Specifications Approved by U.S.

OPD Washington Bureau
November 22, 1938

Federal specifications, new or revised, have been approved by the Director of Procurement of the Treasury Department for a number of paint pigments. The materials covered are as follows:—

Aluminum pigment paste for paint (TT-A-466), effective February 15, 1939, chrome green, pure, dry, paste in Japan, paste in oil (TT-C-236), effective February 15, 1939.

Red lead, dry, paste in oil (TT-R-191a), effective February 1, 1939.

White lead, basic carbonate, dry, paste in oil, semipaste containing volatile thinner (TT-W-251a), effective February 15, 1939.

The characters in parentheses are the designations of the respective concessions. Copies are procurable from the Superintendent of Documents, Government Printing Office, Washington, at 5 cents each.

Chemical Price Positions Soften

There was evidence of softening in price positions in the market for heavy and fine chemicals last week, but most of the predominating reductions were of minor influence on the general structure; the others were offset by advances. No particular significance was attached to any of the changes, although gum naval stores and vegetable tanstuffs were further reduced. Some activity was stimulated by the advances to be made this week in white lead, blue lead, and heavily leaded zinc oxides.

Contract schedules issued for next year made no changes in quotations on iron-free alumina sulphate, ammonia and potash alums, soda acetate, chlorate, and anhydrous sulphate, strontium nitrate, perchlorate of potash, refined sulphur, boric acid, borax, carbon tetrachloride, coaltar solvents, leadfree zinc oxide, lithopone, ultramarine blue, cadmium lithopone, Italian pumice, graphite, and gilsonite.

Current prices were advanced on quicksilver, abietate of potash, alginate and abietate of soda, sumac leaves, ground sumac, domestic dried blood, and domestic and imported tankage.

Prices were reduced on 75 percent phosphoric acid, anhydrous pyrophosphate of soda, strontium chloride, cadmium metal, orange cadmium sulphide, zinc dust, menthol, valonia beards, wattle bark, gum turpentine, gum rosin, East Indies, Manila, and Pontianak copals, and Batavia and Singapore dammars.

The REPORTER'S composite index number of prices for heavy and fine chemicals remained at 125.4 (100 = average at August 1, 1914). In comparison with average prices in 1926 (as 100), the REPORTER'S index number is now 88.8, compared with 90.2 at this time last year and 89.0 in 1936.

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N.A.I.D.M. Completes Convention Program

Lower priced insecticides and the problems which have come with the marked increase in the sale of these products under these conditions during the past year will figure prominently in the discussions at the twenty-fifth annual meeting of the National Association of Insecticide and Disinfectant Manufacturers, to be held at the Biltmore hotel, this city, December 5 and 6.

Other important subjects which will be discussed include the outlook in disinfectants marketing; new and improved methods for testing insecticides; a study of consumer problems in several industries including the fur-bearing animal industry and office building sanitation; fair trade legislation and its effects on marketing; new developments in sanitary specialties; the extent of the liability of the manufacturer for damage caused by his products.

General convention arrangements are in charge of John Powell, of John Powell & Co., this city. The annual informal beeksteak dinner and floor show will be held Tuesday evening. The program follows:—

Monday, December 5

Morning Session

"Tradition" — Annual address of the president, by J. L. Brenn, of the Huntington Laboratories Inc., Huntington, Ind.

Appointment of committees.

Report of treasurer, by John Powell, of John Powell & Co., this city.

Report of executive office committee, by Ira P. MacNair, of MacNair-Dorland Company, this city.

Report of membership committee, by Russell H. Young, of the Davies-Young Soap Company, Dayton, Ohio.

"Legislative Outlook for 1939," by C. L. Fardwell, of McCormick & Co., Baltimore.

Ohio State University N.A.I.D.M. fellowship progress report, by Dr. F. L. Campbell, Associate professor entomology.

Report of entertainment committee, by L. J. LaCava, of the Continental Can Company, this city.

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Alcohol Production Lower in 1937-38

Production of ethyl alcohol amounted to 201,033,858 proof gallons in the fiscal year ended June 30, 1938. This compared with 223,181,228 proof gallons in 1937, according to the Bureau of Internal Revenue. Withdrawals in the fiscal year were 4,155,290 proof gallons less than production and amounted to 198,878,568 proof gallons, compared with 215,220,823 proof gallons in 1937.

Denatured alcohol production totaled 94,607,741 wine gallons in the fiscal year 1938, compared with 102,202,659 wine gallons produced in 1937. Withdrawals amounted to 94,981,204 wine gallons, compared with 103,165,980 wine gallons in 1937. Withdrawals in 1938 consisted of 69,253,258 wine gallons of specially denatured alcohol and 25,727,946 wine gallons of completely denatured alcohol, the former representing a decrease of 10,428,618 wine gallons and the latter an increase of 2,243,842 wine gallons, compared with 1937.

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Chemists Wanted By Agriculture Dep't

More than twenty-five principal chemists and principal chemists engineers at salaries of $5,600 per year are wanted by the Department of Agriculture for work in the four regional research laboratories being set up by the department in accordance with the act of the last Congress. Work in the laboratories, each of which has an appropriation of $1,000,000, will be based on the major farm commodities in the region where the laboratory is located. The appointments will be made from the list of the Civil Service Commission.

Applicants will not be required to report for examination but will be rated on education, training and experience shown on their applications. Application forms for these examinations may be obtained by writing to the U. S. Civil Service Commission, Washington, D. C., or from any first class post office. The application should be filled out and returned to the commission in Washington, so as to be received on or before the closing date given in the examination announcement—on or before December 27 from States east of Colorado and December 30 from Colorado and States westward.

Profit-Sharing Plans Outlined to Senators

OPD Washington Bureau
November 23, 1938

The profit-sharing plans of the Procter & Gamble Company, the Eastman Kodak Company, and McCormick & Co., were among those examined at hearings this week before the senate committee created last Spring to study the general subject of employee profit-sharing plans in industry.

Richard R. Deupree, of the Procter & Gamble Company, and M. B. Folsom, treasurer of the Eastman company, explained the details of the plans which their companies have operated successfully for a number of years. While the plans differ somewhat, essentially they consist of company contributions to a fund for purchasing common stock in the companies for the benefit of employees, with employees sharing on the basis of their tenure and earnings. In common with spokesmen for other concerns having profit-sharing plans these men did not favor incentive taxation or other forms of government compulsion or inducement to foster the use of profit sharing plans throughout industry generally, declaring that profit sharing is something which should be worked out individually between employers and employees.

Charles P. McCormick, president of McCormick & Co., Baltimore, elicited much interest from members of the committee with his description of the company's plan of multiple management. Basically this plan gives boards

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Potash Producers Form Export Unit

OPD Washington Bureau
November 25, 1938

The Potash Export Association, Inc., has filed papers with the Federal Trade Commission, under the export trade act (Webb-Pomerene law) for exporting potash (potassium chloride, potassium sulphate, potassium-magnesium sulphate, kainit, and manure salts). The association will maintain offices at 21 East Fortieth street, New York.

Officers of the association are:—President, Dean Clark; vice-president, Paul

Dean Clark
President, Potash Export Association

Speer; and secretary, Fred N. Oliver. Directors are Dean Clark, Paul Speer, Horace M. Albright, F. Cecil Baker, G. F. Coope, J. B. Grant, and Frederic Vieweg.

The members are the American Potash & Chemical Corporation, 70 Pine street, New York; the United States Potash Company, 30 Rockefeller plaza, New York; and the Potash Company of America, First National Bank building, Denver.

The export trade act grants exemption from antitrust laws to an association entered into and solely engaged in export trade, with the provision that there be no restraint of trade within the United States or restraint of the export trade of any domestic competitor, and with the further prohibition of any agreement, understanding, conspiracy, or act which shall enhance or depress prices or substantially lessen competition within the United States or otherwise restrain trade therein.

Drug Trade Convention Dates Coordinated

With a view of avoiding the inconvenience and expense resulting from the close sequence, but distant locations, of annual meetings of associations in the drug trade, the associate members group of the Federal Wholesale Druggists Association, at the 1938 convention, appointed a committee to work for a better calendar. This committee was composed of Charles L. Huisking, of Charles L. Huisking & Co., Turner F. Currens, of the Norwich Pharmacal Company, and Max D. Norris, of E. R. Squibb & Sons. It has been successful in its efforts.

The National Association of Chain Drug Stores will hold its 1939 annual meeting in the last days of April in White Sulphur Springs. It has switched from a Fall date so as to approach conveniently the annual meeting of the American Drug Manufacturers Association, which will be held the first week in May in Hot Springs, Va.

The two wholesalers' associations have similarly coordinated their 1939 meeting dates. The Federal Wholesale Druggists Association will meet in Hot Springs September 20 to 22; the National Wholesale Drugggists Association will open its convention September 23 in White Sulphur Springs.

The F.W.D.A. committee feels that announcing the meeting dates this early will help the several transportation committees with their jobs. The committee says that it had excellent cooperation from the various associations, and it has given particular expression of its appreciation of the cooperation of Fred Griffith, secretary of the National Association of Chain Drug Stores; Dr. E. L. Newcomb, secretary of the National Wholesale Druggists Association; and R. E. Lee Williamson, secretary of the Federal Wholesale Druggists Association.

Lee Williamson Ill

R. E. Lee Williamson, secretary of the Federal Wholesale Druggists Association, is in the Midtown hospital, this city, as the result of a heart attack suffered November 17.

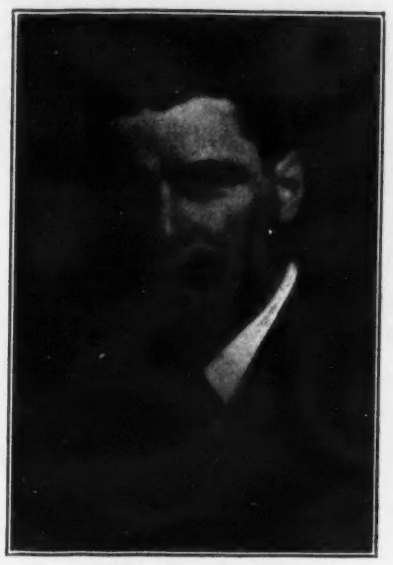
Mr. Williamson came up from Baltimore in the afternoon November 17 to attend a meeting of the F.W.D.A. executive committee the next day. He was stricken in his hotel and was immediately removed to the hospital, his condition being so serious that he was placed in an oxygen tent for two days. His subsequent recovery has been gratifying, but naturally slow, and his physician is not yet able to say when it will be safe for him to return home.

Mrs. Williamson, in order that she may be near her husband, is staying at the Hotel Roosevelt.

N. Y. Drug-Chemical Section Looks to Greater Service

Work of the organization during the past year and plans for continuation and expansion of its multiplicity of services to the trades were reviewed and discussed at the annual meeting of the Drug, Chemical and Allied Trades Section of the New York Board of Trade November 22. The section's activities were presented in a booklet comprising reports of the officers and committee chairmen, together with a list of the membership.

The general review of the activities was orally summarized by the chairman, Philip M. Dinkins, vice-president of the American Cyanamid & Chemical Corporation, who emphasized the opportunity for the section to extend its functioning as a central organization in crystallizing the needs of the industries and bringing necessary forces to bear on the solution of the many problems of the day.



Philip M. Dinkins

Mr. Dinkins expressed hearty appreciation of the work of the several committee chairmen especially in the gratifying arrangements and results of the annual dinner, the Fall outing meeting, and the luncheon discussions. He closed with grateful recognition of the "unfailing energy and ability" of the secretary, Ray Schlotterer, "in promoting the affairs of the section at all times."

Treasurer Robert B. Magnus, of Magnus, Mabee & Reynard, Inc., reported receipts of $14,109.32, and expenditures of $12,822.56 during the year, and a cash balance on hand of $7,150.98.

A gratifying report of the acquisition of ninety-two new members was given by Turner F. Currens, of the Norwich Pharmacal Company, as chairman of the membership committee. Mr. Currens pointed out that, although primarily an organization of the metropolitan district, the section has members in fifty-six cities and that 37 percent of its membership is located outside this city, ranging from coast to coast and from Texas to the Great Lakes section. He expressed his appreciation of the assistance that he had received from his committee and executive associates in increasing the membership of the section by almost 50 percent in the past year.

Carl M. Anderson, of Merck & Co., reviewed the work of the legislative committee in connection with the activities of Congress and State legislatures and in the local proposal of a municipal food, drug, and cosmetic law and the State constitutional convention.

Public Relations Work

The newly inaugurated public relations work was reviewed by P. Wesley Combs, of William Esty & Co., chairman of the committee having this in charge. He said that substantial progress had been made in bringing the service value of the drug and chemical industries to public notice, and he felt that this was already giving the public a better understanding of the industries. This feature of the section's activities will be expanded in the coming year.

In his report as secretary, Ray Schlotterer commented on the spreading popularity of various ideas in the field of social security, stressing the movement for socialized medical care and the tax burden necessary to balance the outgo of public moneys. He also called attention to the desirability of securing coordination of Federal and State drug legislation. He concluded:—

It is to be expected that since a new food, drug, and cosmetic act has been enacted certain drastic changes must take place in the manufacturing and distribution of products of this industry. We are in days when regulations interpreting the application of the law by governmental officials is of greater importance than the wording of the original law itself. In order to conform with these new enactments, immediate interpretations on many business procedures will be required. The allied trade should temporarily and sympathetically put up with certain inconsistencies, assuming that it is only a matter of time when, through proper interpretations and intelligent assistance given by those administering these laws, they will be rectified. We feel confident that the intent of the sponsors to protect the public and not unduly harass industry, will be carried out. We must cooperate with the Wage and Hour Administration as well as the Food and Drug Administration, being assured that it is only by intelligent

—*Continued on page* 46

Uses of Chlorinated Rubber

By J. P. Baxter and J. G. Moore
Imperial Chemical Industries (General Chemicals) Limited

Part of a paper, "Properties and Uses of Chlorinated Rubber," before the Edinburgh section and the plastics group of the Society of Chemcal Industry and published by permission of the I.C.I. directors of the Journal of the Society.

It has already been shown that chlorinated rubber requires plasticizing to reduce the brittleness of its films, and in the choice of a plasticizer lies the possibility of making or marring the protective qualities of a chlorinated rubber finish. The inclusion in a formulation of a readily saponifiable plasticizer, for instance, of the ester type, will, of course, make the finish so obtained quite susceptible to alkali, and in the past there is no doubt that the chlorinated rubber itself has been blamed for the failure which must occur in these cases.

The necessity for developing chemically resistant plasticizers has been appreciated by several manufacturers, and amongst the plasticizers now recommended for use with chlorinated rubber are sulphurized terpenes (United States patent 2,046,277), hydrogenated abietic esters, such as "Hercolyn," sulphurized tung oil (United States patent 2,068,818), chlorinated diphenyl (United States patents 1,950,894 and 2,044,505), "T" oil (a nonvolatile sulphur-toluene condensation product manufactured by the I. G., British patent 429,764), alkylnaphthalene (I. G., British patents 438,441 and 440,371), chlorinated drying oils (Dunlop Rubber Company, British patent 420,116), and the I.C.I. plasticizer "Cereclor."

"Cereclor" is a viscous yellow liquid distinguished by its nonvolatility, high solubility in chlorinated rubber solvents, resistance to chemicals, and absence of marked odor; it is prepared in two grades of viscosity, the higher of which ("Cereclor I") is generally used for plasticizing chlorinated rubber. "Cereclor I" contains 47 percent of chlorine and has d^{25} .23 g./c.c., and viscosity 230 poises at 25°, whilst "Cereclor II" contains 42 percent of chlorine and has d^{25} 1.16, viscosity 25 poises. Both have vapor pressure less than 10^{-5} mm. Hg at 170°.

"Cereclor" has a high resistance to aqueous boiling caustic soda, to sulphuric, nitric, and hydrochloric acids, and is soluble in water; its thermal stability is comparable with that of chlorinated rubber. It is miscible with chlorinated rubber in all proportions, yielding a series of plastics varying in consistency from sticky viscous liquids to hard film-forming solids the properties of which will be discussed later.

In general, chlorinated rubber plasticized with "Cereclor" will be resistant in the cold to most chemicals or combinations of chemicals other than the organic liquids in which chlorinated rubber and "Cereclor" are soluble; as

—*Continued on page* 32

Drug Law Regulations Likely to Be Revised

OPD Washington Bureau
November 23, 1938

Officials of the Food and Drug Administration are giving careful study to the criticisms of proposed regulations under the food, drug, and cosmetic act of 1938 which were presented by more than a score of witnesses at public hearings last week. Briefs and written material are now being filed by interested parties, and these will also be given close attention.

Revision of the regulations will be completed as rapidly as possible, and they probably will be promulgated in final form about the first of the year. That some revision of the tentative regulations will be made was apparent from the volume and nature of the objections presented at the hearings. Officials expressed the view that the criticisms were quite temperate and were well taken in most cases, and that problems were presented which were not in mind when the regulations were drafted. They also noted that objections were largely concentrated on a few provisions, and that there were no criticisms of the regulations as a whole.

Nature Protects

with

WATER-REPELLENT SURFACES

The feathers of most birds and the fur of many animals constitute natural protective coverngs against water. Human ingenuity has developed methods of imparting water-resistance to many porous materials. By inducing negative capillarity in pores, Aluminum Stearate prevents both absorption and transmission of water, and thus is admirably suited to many water-proofing operations.

Stearates

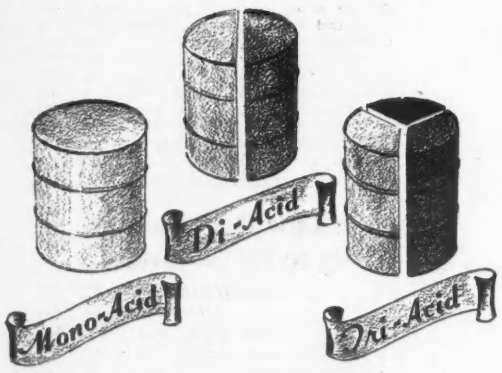
FOR EVERY INDUSTRIAL NEED

A milestone in stearate research was the discovery by Mallinckrodt Chemists that the acid-base ratio is the principal factor governing the behavior of Aluminium Stearates in most industrial processes. Mallinckrodt now manufactures three new grades —mono-, di-, and tri-acid—which provide the complete range of acid-base ratios.

Among the many uses for Mallinckrodt Stearates are:—suspension mediums and flatting agents for paints and varnishes, lubricants and release agents for plastic molding and other extruding operations, waterproofing agents for manufacture of greases, and anti-sticking agents in rubber manufacture.

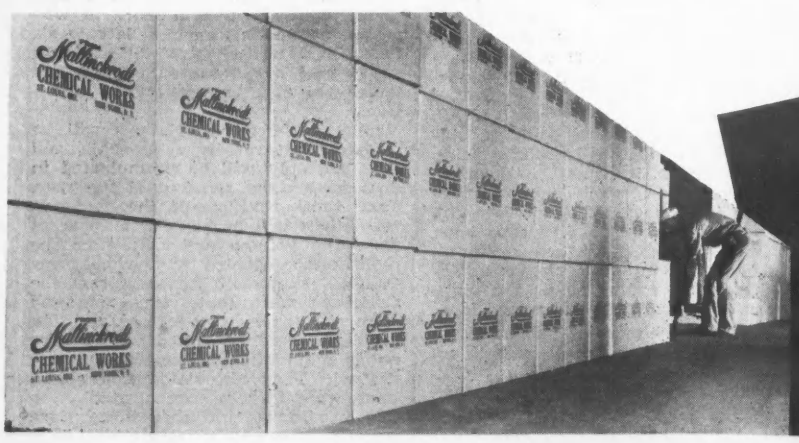
Send for descriptive literature on:

STEARATES of
ALUMINUM
CALCIUM
MAGNESIUM
and ZINC



Mallinckrodt

CHEMICAL WORKS



2nd & Mallinckrodt Sts., ST. LOUIS, MO.

70-74 Gold Street, NEW YORK, N. Y.

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Current Market Quotations

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When not otherwise indicated, quotations are f.o.b. New York prices on large lots. Prices changes and trends are noted in the market reports on other pages, with other informative comment. The locations of the several reports are indicated on page 4.

A

Acacia (see Gum, Arabic)
Acetal, dms., dlvd. lb. .75 - 1.00
Acetaldehyde, 99%, 55 & 110 gls., dms., dlvd. lb. .14 - —
5 & 10 gal. dms., dlvd. lb. .16 - —
Acetamide, CP, kgs., 1,000-lb. lots, dlvd. lb. .44 - —
tech., kgs., 1,000-lb. lots, dlvd., lb. .39 - —
Acetanilide, tech., bbls. lb. .22 - —
95% bbls. lb. .29 - —
USP, cryst., bbls., 2,000 lb. lots lb. .32 - —
smaller lots. lb. .33 - —
dms., 25 lb. lots. lb. .38 - —
kgs., 2,000 lb. lots. lb. .33 - —
smaller lots. lb. .34 - —
powd., bbls., 2,000 lb. lots. lb. .30 - —
smaller lots. lb. .31 - —
dms., 25 lb. lots. lb. .36 - —
kgs., 2,000 lb. lots. lb. .31 - —
smaller lots. lb. .32 - —
Acetoacetanilide, dms. lb. .47 - .65
Acetone, CP, dms., c.l., dlvd. lb. .05¾- —
l.c.l., dlvd. lb. .06¼- —
tanks, dlvd. lb. .04¾- —
Methyl (see M)
Acetophenone, bots. lb. 1.30 - 1.45
cns., 25 lbs. lb. 1.15 - 1.25
dms., 100 lbs. lb. 1.05 - —
Acetophenetidin, bbls., kgs., 1,000 lbs. lb. 1.00 - —
50 lbs. lb. 1.02 - —
25 lbs. lb. 1.05 - —
Acid, abietic, dms., c.l., f.o.b. all points in U. S. E of and including Kans., Neb., N.D., Okla., S. D., Texas E. of Austin and Brownsville. lb. .08¾- —
l.c.l., same terms. lb. .09 - —
Acetic, coml. or redist., 28%, bbls. 100 lbs. 2.23 - 2.48
cbys. 100 lbs. 2.73 - 2.98
50%, bbls. 100 lbs. 4.15 - 4.40
cbys. 100 lbs. 4.65 - 4.90
70%, bbls. 100 lbs. 5.17 - 5.42
cbys. 100 lbs. 5.67 - 5.92
80%, bbls. 100 lbs. 5.89 - 6.14
cbys. 100 lbs. 6.39 - 6.64
glacial, nat., CP., cbys. 100 lbs. 14.00 - —
99.5%, bbls 100 lbs. 7.62 - 7.87
cbys. 100 lbs. 8.12 - 8.37
USP, bbls. 100 lbs. 10.25 -10.50
cbys. 100 lbs. 10.75 -11.00
synth., 99.5%, al. dms., 100 lbs. 8.43 - 8.68
cbys. 100 lbs. 8.93 - 9.18
USP, al. dms. 100 lbs. 10.25 -10.50
cbys. 100 lbs. 10.75 -11.00
pure, 30%, bbls. 100 lbs. 3.28 - 3.53
cbys. 100 lbs. 3.78 - 4.03
36%, bbls. 100 lbs. 3.66 - 3.91
cbys. 100 lbs. 4.16 - 4.41
60%, bbls. 100 lbs. 6.15 - 6.40
cbys. 100 lbs. 6.65 - 6.90
80%, bbls. 100 lbs. 7.68 - 7.93
cbys. 100 lbs. 8.18 - 8.43

Acetic acid price differentials above are for c.l. and l.c.l. quantities; the prices apply div'd at destination in the following States: Conn., Dela., D. of C., Md., Mass., N. J., N. Y., N. and S. Car., R. I., Penna., and Va. For all other States, except Wash., Ore., and Calif., prices are f.o.b. works, frt. equalized.

Acetic, anhydride, dms., c.l., frt. alld. lb. .10½- .11½
l.c.l., dms., frt. alld. lb. .12 - .13
Acetylsalicylic, USP, bbls., 200 lbs. lb. .50 - —
boxes, 25 lbs. lb. .51 - —
kgs, 100 lbs. lb. .50 - —
Anthranilic, refd., bbls. lb. 1.15 - 1.20
tech., bbls. lb. .75 - —
Arsenous, tech. (see Arsenic, White).
USP, powd., dms., kegs. lb. .22 - .25
Ascorbic, bots., dms. oz. 3.00 - 3.25
Battery, cbys, c.l., E. works, 100 lbs. 1.60 - —
l.c.l., 25 or more, E. works, 100 lbs. 1.85 - —
10-24, E. works. 100 lbs. 1.95 - —
1-9, E. works. 100 lbs. 2.55 - —
Benzoic, tech., bbls., 4,000 lbs. or more lb. .43 - —
1,000 to 3,900 lbs. lb. .44 - —
900 lbs. or less. lb. .47 - —
USP, bbls., 4,000 lbs. or more lb. .54 - —
1,000 to 3,900 lbs. lb. .55 - —
900 lbs. or less. lb. .58 - .59
dms., 4,000 lbs. or more. lb. .55 - .56
1,000 to 3,900 lbs. lb. .56 - .57
900 lbs. or less. lb. .59 - .60
Boric, tech., 99.5%, gran., bbls., contracts, 80 tons, delvd. ton. 106.00 - —
c.l., dlvd. ton. 111.00 - —
l.c.l., ex whse. ton. 118.00 -123.00
sks, contracts, 80 tons, dlvd. ton. 96.00 - —
c.l., dlvd. ton. 101.00 - —
l.c.l., ex whse. ton. 108.00 -113.00
powd., bbls., contracts, 80 tons, dlvd. ton. 111.00 - —
c.l., dlvd. ton. 116.00 - —
l.c.l., ex whse. ton. 123.00 -138.00
sks., contracts, 80 tons, dlvd. ton. 101.00 - —
c.l., dlvd. ton. 106.00 - —
l.c.l., ex whse. ton. 113.00 -128.00
USP, $25 per ton higher.
Broenner's, bbls. lb. 1.11 - —
Butyric, 99%, dms., c.l., S. Charleston, W. Va. lb. .22 - —
l.c.l., same basis. lb. .23 - —
tanks, same basis. lb. .21 - —
Camphoric, cns. lb. 5.50 - 5.70
Capric, dms. lb. .12 - .12½
Caprole, dms., works. lb. .35 - .40
Carbolic (see Phenol).
Castor oil, split, dms. lb. .17½- .18
Chinawood oil, dms. lb. .16 Nom.
Acid, chlorosulphonic, dms., c.l., works. lb. .0350- —
5-drum lots, works. lb. .04 - —
single drum. lb. .05 - —
tanks, works. lb. .03 - —
Chromic, 99%, dms., delvd. N.Y. lb. .15¼- .17¼
Cinnamic, refd., bots. lb. 2.85 - 3.25
Citric, cryst., gran., bbls., car lots. lb. .22 - —
10,000 lb., lots, one shipt., lb. .22¼- —
smaller lots. lb. .23 - —
kegs lb. .23½- —
Acid, citric, anhyd., gran, dms., 10,000 lbs. 1 shipt. lb. .25 - —
smaller lots lb. .25½- —
Citric acid quotations on powder are ½c. higher than on granular. Keg packing is ½c. higher than barrels. Prices are f.o.b., N. Y. Chicago and St. Louis deliveries are ½c. higher than N. Y.
Cleve's, bbls. lb. .57 - —
Coconut oil, dist., dms. lb. .09¼- .09¾
Corn, dist., dms. lb. .08¼- .08¾
Cottonseed oil, dist., dms. lb. .06¾- .07¼
tanks lb. .06¼- —
Cresylic, high-boil, dom., c.l., works, frt. equaled. gal. .73 - —
l.c.l., same basis. gal. .74 - —
low-boil, dms., c.l., works frt. equaled. gal. .78 - —
l.c.l., same basis. lb. .80 - —
imported, pale, dms. gal. .65 - .86½
dark, dms. gal. .60 - .70
Crotonic, bbls., dlvd. lb. .21 - —
smaller containers, dlvd. lb. .50 - —
Diethylbarbituric (see Barbital))
Formic, dom., seaboard, 90% cbys., f.o.b. stock points, c.l. lb. .10½- —
l.c.l., 25 and over. lb. .11 - —
1-24 lb. .11½- —
inland territory, cbys., c.l. lb. .1185- —
l.c.l., 25 and over. lb. .1235- —
1-24 lb. .1285- —
southern territory, cbys., c.l., lb. .1170- .1240
l.c.l., 25 and over. lb. .1220- .1290
1-24 lb. .1270- .1320
Fumaric, bbls. lb. .75 - —
Gallic, tech., bbls. lb. .70 - .73
N. F., VI, bbls., 200 lbs., 5 or more. lb. .77 - —
single bbls. lb. .80 - —
fib. dms., 25 lbs. lb. .81 - —
Gamma, bbls. lb. .85 - —
Gluconic, tech., 50%, bbls., 500 lbs. lb. .20 - —
H, bbls. lb. .45 - —
Hempseed oil, dms. lb. .1150- .1220
Hydriodic, 47%, bots. lb. 2.80 - —
5-lb. bots. lb. 2.51 - —
57%, bots. lb. 2.75 - 2.90
Hydrobromic, 10% dilut., USP, lb. .20 - .21
pure, 34% conct, cbys. lb. .42 - .44
Hydrochloric (see Muriatic).
Hydrocyanic, cyls, works. lb. .80 - 1.00
Hydrofluoric, 30%, bbls. lb. .07 - .0750
lead, cbys. lb. .09 - .0950
48%, lead cbys. lb. .1150- .12
52%, lead cbys. lb. .1250- .13
60%, lead cbys. lb. .15 - .1550
Hydrofluosilicic, 30-35%, 420 lb. bbls. lb. .09 - .09½
Hypophosphorus, USP, 30%, djns. lb. .75 - —
Lactic, tech., dark, 22%, bbls., c.l., works. 100 lbs. 2.50 - —
l.c.l., bbls., works. 100 lbs. 2.75 - —
cbys., works. 100 lbs. 3.75 - —
44%, bbls., c.l., works, 100 lbs. 5.50 - —
l.c.l., bbls., works. 100 lbs. 5.75 - —
cbys., works. 100 lbs. 6.75 - —
light, 22%, bbls., c.l., works, 100 lbs. 3.50 - —
l.c.l., bbls., works. 100 lbs. 3.75 - —
cbys., works. 100 lbs. 4.75 - —
44%, bbls., c.l., works, 100 lbs. 6.50 - —
l.c.l., bbls., works. 100 lbs. 6.75 - —
cbys., works. 100 lbs. 7.75 - —
50%, edible, 20 and over, bbls., cbys. lb. .10½- .11½
plastic grade lb. .12¼- .13¼
5 to 19, edible, bbls., cbys., lb. .11 - .12
plastic grade. lb. .12¾- .13¾
1 to 4, edible, bbls., cbys., lb. .11½- .12¾
plastic grade. lb. .13¼- .14½
80%, 5 and over, bbls., cbys. lb. .21 - .22
1 to 4 bbls., cbys. lb. .21½- .22½
USP, XI, 85%, cbys. lb. .43 - .45
USP VIII, 75%, cbys. lb. .41 - .43
Lauric, dist., tech., dms. lb. .11¾- .12¼
Laurent's, bbls. lb. .45 - —
Levulinic, 5lb. bots., works. lb. 2.00 - —
Linseed, oil, dark or light, dms. lb. .1080- .1140
extra white, dist., dms. lb. .12½- .13
Maleic, powd., dms. lb. .30 - —
anhydride, dms., c.l. lb. .25 - —
dms., l.c.l. lb. .26 - —
Malic powd., kegs. lb. .47 - —
Mandelic, bots. lb. 2.30 - —
dms., 1,000 lbs. lb. 1.90 - —
smaller lots lb. 2.15 - —
Mixed, tanks, nitric unit. lb. .05 - .06
sulphuric unit. lb. .0085- .009
Molybdic, kgs., works. lb. .95 - 1.10
Monochloroacetic, tech., bbls. lb. .15 - .18
Monosulphonic, bbls. lb. 1.50 - 1.60
Muriatic, 18°, cbys., c.l., E. works. 100 lbs. 1.50 - —
l.c.l., 25 and over, E. works. 100 lbs. 1.75 - —
10 to 24, works. 100 lbs. 1.85 - —
1 to 9, works. 100 lbs. 2.45 - —
tanks, works. 100 lbs. 1.05 - —
20°, cbys., c.l., E. works, 100 lbs. 1.75 - —
l.c.l., 25 and over, works. 100 lbs. 2.00 - —
10 to 24, works. 100 lbs. 2.10 - —
1 to 9, works. 100 lbs. 2.70 - —
tanks, works. 100 lbs. 1.15 - —
Acid, muriatic, 32°, cbys., c.l., E. works. 100 lbs. 2.25 - —
l.c.l., 25 and over, works, 100 lbs. 2.50 - —
10 to 24, works. 100 lbs. 2.60 - —
1 to 9, works. 100 lbs. 3.20 - —
tanks, works. 100 lbs. 1.65 - —
C.P., USP, dealers, cbys. lb. .06¼- —
6-lb. bots. lb. .18¾- —
consumers, cbys. lb. .08 - —
6-lb. bots. lb. .20 - —
Myristic, dist., dms. lb. .15¾- .16¼
Naphthenic, acidity, 120-200 dms., c.l. lb. .07 - —
210-230, dms., c.l. lb. .09 - —
240-280, dms., c.l. lb. .10 - —
Sludge, dms., c.l. lb. .05 - —
Nitric, 36°, cbys., c.l., E. works, 100 lbs. 5.00 - —
l.c.l., 25 and over, E. works. 100 lbs. 5.25 - —
10 to 24, works. 100 lbs. 5.35 - —
1 to 9, works. 100 lbs. 5.95 - —
Acid, nitric, 38°, cbys., c.l., E. works. 100 lbs. 5.50 - —
Western works. 100 lbs. 5.75 - —
l.c.l., 25 and over, E. works. 100 lbs. 5.75 - —
10 to 24, works. 100 lbs. 5.85 - —
1 to 9, works. 100 lbs. 6.45 - —
40°, cbys., c.l., E. works. 100 lbs. 6.00 - —
l.c.l., 25 and over, E. works. 100 lbs. 6.25 - —
10 to 24, works. 100 lbs. 6.35 - —
1 to 9, works. 100 lbs. 6.95 - —
42°, cbys., c.l., E. works. 100 lbs. 6.50 - —
l.c.l., 25 and over, works. 100 lbs. 6.75 - —
10 to 24, works. 100 lbs. 6.85 - —
1 to 9, works. 100 lbs. 7.45 - —
C.P., USP, dealers, cbys. lb. .11¼- —
7-lb. bots. lb. .22½- —
consumers, cbys. lb. .13 - —
71b. bots. lb. .24 - —
Oleum (see sulphuric fuming).
Oxalic, dom., bbls., c.l., works, lb. .10¾- —
10,000 lbs., and over. lb. .11 - —
smaller quantities. lb. .12 - .14
Palm oil, white, dist., dms. lb. .06¼- .06¾
tanks lb. .06¾- —
Perilla, dist., dms. lb. .14 - .14¼
Phenylacetic, bots. lb. 1.75 - 2.00
Phosphoric, ortho, tech., 50%, cbys. lb. .06 - —
75%, cbys. lb. .07½- —
USP. 85%. s. g. 1.710, cbys., 100 lbs. lb. .12 - —
50% s. g., 1347, cbys., 70 lbs. lb. .12 - —
djns., 25 lbs. lb. .15 - —
10%, dilut., cbys., djns. lb. .07 - .07¼
Picramic, kgs. lb. .65 - .70
Picric, bbls. lb. .35 - —
Propionic ref., cbys., works. lb. .25 Nom.
dms., works. lb. .22 Nom.
tech., cbys., works. lb. .20 Nom.
dms., works. lb. .16 Nom.
Pyrogallic, tech., lump, powd., bbls. lb. 1.05 - —
cns. lb. 1.10 - —
USP, cryst, cns. lb. 1.45 - 1.65
resubl., cns. lb. 2.05 - 2.15
Pyroligneous, bbls., dlvd. E. gal. .25 - —
Ricinoleic, dms lb. .35 - —
tech., bbls. lb. .13 - —
Salicylic, tech., bbls. lb. .33 - —
USP, bbls. lb. .35 - .40
Sebacic, C.P., bbls., works. lb. No prices.
tech., bbls., works. lb. No prices.
Soybean oil, dist., dms. lb. .09 - .09¼
Stearic, distil., double pressed, bgs., dlvd. lb. .10½- .11½
single pressed, bgs., dlvd. lb. .10 - .11
triple pressed, bgs., dlvd. lb. .13¼- .14¼
saponif., double pressed, bgs., dlvd. lb. .10¾- .11¾
triple pressed, bgs., dlvd. lb. .13¼- .14½
Succinic, bbls. lb. .75 - —
Sulphanilic, CP, bots, works. lb. 1.60 - 1.65
tech., dms., works. lb. .17 - —
Sulphonaphthenic, dms. lb. .04 - .10
Sulphuric, 60°, cbys., c.l., E. works. 100 lbs. 1.25 - —
l.c.l., 25 and over, works, 100 lbs. 1.50 - —
10 to 24, works. 100 lbs. 1.60 - —
1 to 9, works. 100 lbs. 2.20 - —
tanks, E. works. ton. 13.00 - —
66°, cbys., c.l., E. works, 100 lbs. 1.50 - —
l.c.l., 25 and over, works. 100 lbs. 1.75 - —
10 to 24, works. 100 lbs. 1.85 - —
1 to 9, works. 100 lbs. 2.45 - —
tanks, E. works. ton. 16.50 - —
98°, tanks, works. ton. 17.50 - —
C.P., USP., dealers, cbys., lb. .06½- —
9-lb. bots. lb. .16½- —
consumers, cbys. lb. .08 - —
9-lb. bots. lb. .18 - —
fuming, 20%, tanks, E. works, ton. 18.50 - —
65%, tanks, E. works. ton. 36.00 - —
Tannic, tech., bbls., dms. lb. .40 - .47
USP, fluffy, bbls., 1,000 lb.- 100-lb. lots lb. .90 - —
25-lb. lots lb. .93 - —
powd., bbls., 1,000 lbs. lb. .75 - —
smaller lots lb. .80 - —
Tartaric USP, dom., cryst., gran., powd., bbls., 10,000 lbs. or more, one shipment. lb. .27¼- —
smaller quantities. lb. .27¾- —
kgs. lb. .28¼- —
Tobias, bbls. lb. .65 - —
Trichloroacetic, bots. lb. 2.00 - 2.50
Tungstic, CP, kgs., works. lb. 2.60 - 2.85
tech., kgs., works. lb. 1.65 - 1.75
Aconite, leaves, bls. lb. .25 - .30
Root, bls. lb. .28 - .30

Acacia—Alcohol

Aconitine, amorph., bots. oz. 17.00 -18.00
vis. gr. .06 - .09
cryst., bots. oz. 20.00 - —
vis. gr. .09 - .11
Adeps lanae, anhyd., dms. lb. .17½- .19
hyd., dms. lb. .16 - .18
Agar 1, bls. lb. .85 - .90
2, bls. lb. .80 - .85
3, bls. lb. .63 - .68
Agaric, white, bls. lb. 3.00 - 3.20
Albumen, blood, dark, flake, bgs., f.o.b. Chicago, frt. alld. lb. .13 - —
pow'd, grade A, same basis, ton lots. lb. .15 - —
smaller lots, same basis. lb. .18 - —
light, dom., flake, dms., f.o.b., Chicago., frt. alld. lb. .52 - .60
import, bgs. lb. .52 - .60
Egg, ed., dom., cryst., bbls., lb. .75 - .77
dom., pwd., dms., bbls., lb. .80 - .82
import, cs. lb. .75 - —
Alcohol, amyl (see also Fusel oil, refd.), ex pentane dms., c.l., frt. alld. lb. .116 - —
l.c.l., frt. alld. lb. .126 - —
tanks, frt. alld. lb. .106 - —
Bensyl, cans lb. .66 - —
drums lb. .63 - —
Alcohol, butyl, normal, dms., c.l., frt. alld. lb. .09¾- —
l.c.l., frt. alld. lb. .10 - —
tanks, frt. alld. lb. .09¼- —
secondary, dms., c.l., frt. pd., E. of Rocky Mts. lb. .07 - —
l.c.l., same terms. lb. .07½- —
tanks, same terms. lb. .06 - —
tertiary, denating, dms., frt. alld. lb. .14 - —
Capryl, pure, dms., works. lb. 2.50 - —
tech., dms., works. lb. .85 - —
Cetyl, dom., C.P., fiber ctns., 1,000 lbs. lb. 1.50 - —
500 lbs. lb. 1.70 - —
100 lbs. lb. 1.80 - —
25 lbs. lb. 1.90 - —
5 lbs. lb. 2.00 - —
com'l., dms. lb. .95 - —
Import, 85%, 100 lb. dms. lb. .55 - —
5 to 10 lbs. lb. .75 - —
coml., dms., 350 lbs. lb. .45 - —
Cinnamic, bots. lb. 2.00 - 2.10
Denatured, CD14, dms., c.l., works, E. gal. .34 - —
l.c.l., works, dms. gal. .38 - —
tanks, E., works. gal. .28 - —

Prices for territories other than E. of Rockies are 4c. per gal., in tanks, and 5c. per gal., in dms., higher. Tankcar sales require written authorization by Alcohol Tax Unit.

SDI, 190 pf., bbls., c.l., E. works. gal. .31 - —
19 bbls., E. works. gal. .33 - —
gal. .36 - —
gal. .35 - —
dms., c.l., E. works. gal. .30 - —
19 dms., E. works. gal. .32 - —
1 to 18 dms., E. works, gal. .35 - —
tanks, E. works. gal. .24 - —

Anhydrous, 5c. per gal. higher.

SD23-G, works, E., dms. gal. .34½- —
19 dms. gal. .36½- —
1 to 18 dms. gal. .39½- —
tanks gal. .28½- —

Prices for territories other than E. of Rockies are 4c. per gal., in tanks, and 5c. per gal., in dms., higher.

Special solvent, dms., c.l., E., works. gal. .31 - —
20 dms., E. works. gal. .33 - —
1 to 19 dms., E. works, gal. .36 - —
tanks, E. works. gal. .25 - —

Tankcar sales require written authorization by Alcohol Tax Unit.

Diacetone, pure, contract, dms., c.l., frt., alld. lb. .11½- —
l.c.l., frt. alld. lb. .12 - —
tanks, dlvd. lb. .10½- —
tech., contract, dms., c.l., frt. alld. lb. .10¼- —
l.c.l., frt. alld. lb. .11 - —
tanks, dlvd. lb. .09¼- —
Ethyl, 190 pf., ex molasses, bbls., c.l. gal. 4.57½- —
19 bbls. gal. 4.59½- —
1 to 18 bbls. gal. 4.62½- —
dms., c.l. gal. 4.56½- —
19 dms. gal. 4.58½- —
1 to 18 dms. gal. 4.61½- —
tanks gal. 4.50½- —
absolute, dms, c.l. gal. 4.90 - —
19 dms. gal. 4.91 - —
1 to 18 dms. gal. 4.94 - —

Grain alcohol 25c. per gal. higher.

Furfuryl, tech., cns., works. lb. .35 - —
dms., c.l., 33,000 lbs., works, lb. .30 - —
l.c.l., 500 lbs. and more, works. lb. .35 - —
Isoamyl, primary, dms., l.c.l., dlvd. lb. .27 - —
cans, works. lb. .32 - —
Isobutyl, refd., dms., c.l., works, frt. alld. E. of Rockies. lb. .06¾- —
l.c.l., same terms. lb. .09 - —
tanks, same terms. lb. .07½- —
Isopropyl, refd., 91%, dms., c.l., f.o.b. dest. gal. .33½- —
l.c.l., same basis. gal. .38½- —
tanks, same basis. gal. .28½- —
99%, dms., c.l., same terms, gal. .36 - —
l.c.l., same terms. gal. .41 - —
tanks, same terms. gal. .31 - —
Methyl (see Methanol)
Phenylethyl, bots., cns. lb. 2.70 - 3.35
Propyl (see Isopropyl)
Propyl, normal, dms., works, gal. .70 - —

Aldehol—Black

Aldehol, denat., grade, dms., tanks, works..gal. .70 - .72
Aldehyde bisulphite bbls., dlvd., lb. .17 - —
smaller containers.....lb. .20 - —
Aldol, 95%, 55 and 110 gal. dms., dlvd..lb. .20 - —
5 and 10 gal. dms., dlvd...lb. .22 - —
Aletris root, bgs.....lb. .40 - .45
Alizarin (see Red, alizarin).
Alkanet root, bgs.....lb. .11 - .12
Aloe, Barbados, true, cs.....lb. .85 - .90
Cape, cs.....lb. .20 - .22
Curacao, cs.....lb. .42 - .45
gourds, bbls.....lb. .80 - .85
Socotrine, kgs.....lb. .45 - .50
Aloin, 140-lb. bbls.....lb. 2.65 - 2.80
100-lb. kgs.....lb. 2.67 - 2.82
25-lb. fib. dms.....lb. 2.74 - 2.89
Alphanaphthol, bbls.....lb. .82 - —
Alphanaphthylamine, bbls.....lb. .32 - —
Althea root, cube cut, bbls....lb. .80 - .82
Alum, ammonia, burnt, USP, bbls., kgs..lb. .16 - .18
gran., bbls., works....100 lbs. 2.15 - —
dlvd. N.Y. Phila....100 lbs. 2.15 - —
lump, bbls., works....100 lbs. 2.40 - —
dlvd., N.Y., Phila....100 lbs. 2.40 - —
powd., bbls., works....100 lbs. 2.55 - —
dlvd. N. Y., Phila...100 lbs. 2.55 - —
powd., bbls., works...100 lbs. 2.55 - —
dlvd., N. Y., Phila....100 lbs. 2.55 - —
Ammonia alum prices are for contract and open market; f.o.b. Phila.; frt. equalized with Marcus Hook, Boston, Atlanta, or Joliet; rail or water rates, whichever is lower. L.c.l. quantities must carry l.c.l. rate applying; for truck or ex warehouse deliveries all metrop. zones (except N.Y.) add l.c.l. rail or water rate, whichever is lower, from shipping or equalization point; dlvd. N.Y. prices apply to truck or ex warehouse.
Potash, gran., bbls., works.. 100 lbs. 3.40- 3.65
dlvd. N.Y., Phila..100 lbs. 3.40 - —
lump, bbls., works....100 lbs. 3.65 - 3.90
dlvd. N.Y. Phila..100 lbs. 3.65 - —
powd., bbls., works....100 lbs. 3.80 - 4.05
dlvd. N.Y., Phila..100 lbs. 3.80 - —
Potash alum prices on same basis as those for ammonia alum.
Potash-chrome, bbls.....lb. .06¼- .06½
Soda, bbls., c.l., works..100 lbs. 3.25 - —
l.c.l., dlvd.....100 lbs. 4.25 - 5.00
Alumina acetate, 20% normal solut., bbls., c.l., dlvd..lb. .07½- —
l.c.l., dlvd.....lb. .09 - —
33%, basic solut., bbls., c.l., dlvd..lb. .10 - —
l.c.l., dlvd.....lb. .12 - —
basic powd., bbls., dlvd.....lb. .40 - —
smaller containers, dlvd. lb. .50 - —
Chloride, anhyd., com'l, dms. (extra), 45,000 lbs. and over, works..lb. .06 - —
12,000 to 40,000 lbs, works..lb. .07 - —
1,100 to 11,000 lbs., works. lb. .08 - —
140 to 875 lbs., works.lb. .09 - —
100 lbs., or less, works.lb. .10 - —
cryst., com'l, dms., c.l., works lb. .06 - —
l.c.l., dms., works.....lb. .06½- —
solution, 32 deg., cbys., c.l., works..lb. .02¾- —
l.c.l., cbys., works.....lb. .03¾- —
Formate, 30% solut., bbls., c.l., dlvd..lb. .12 - —
l.c.l., dlvd.....lb. .15 - —
Hydrate, heavy, bbls., c.l., works..lb. .0290- —
l.c.l., bbls.....lb. .03½- —
bgs., c.l.....lb. .0260- —
light, bbls., dlvd.....lb. .12 - —
Oleate, dms., contr.....lb. .16¾- —
open order.....lb. .17½- .18½
Palmitate, precip., bbls.....lb. .22 - —
Resinate, precip., dms., dlvd.lb. .15 - —
Stearate, precip., bbls., ctns., c.l..lb. .19 - —
l.c.l., ton.....lb. .20 - —
less than ton.....lb. .21 - —
Sulphate, com'l, bgs., c.l. works, frt. equaled.100 lbs. 1.15 - —
l.c.l., works, frt. equald.. 100 lbs. 1.40 - —
bbls., c.l., works, frt. equald. 100 lbs. 1.35 - —
l.c.l., works, frt. equald. 100 lbs. 1.60 - —
iron-free, bgs., c.l., works... 100 lbs. 1.30 - —
l.c.l., works....100 lbs. 1.55 - —
bbls., c.l., works....100 lbs. 1.50 - —
l.c.l., works.....100 lbs. 1.75 - —
Aluminum, 98-99%, c. l.....lb. .20 - —
l.c.l.....lb. .21 - —
paste, lining, extra fine, dms., 1,500 lbs..lb. .65 - —
ink, dms., 1,500 lbs....lb. .75 - —
standard, dms., 1,500 lbs..lb. .42 - —
powder, lining, extra fine, dms., 1,500 lbs..lb. .92 - —
standard, dms., 1,500 lbs.lb. .57 - —
litho, extra brilliant, dms., 1,500 lbs..lb. .43 - —
extra fine, dms., 1,500 lbs.lb. .47 - —
lining, dms., 1,500 lbs....lb. .57 - —
standard, dms., 1500 lbs..lb. .42 - —
rubber compound, dms., 1,500 lbs..lb. .40 - —
unpolished, dms., 1,500 lbs.lb. .37 - —
varnish, extra brilliant, dms., 1,500 lbs..lb. .43 - —
extra fine, dms., 1,500 lbs.lb. .47 - —
standard, dms., 1,500 lbs.lb. .42 - —
Aluminum paste and powder prices for lots smaller than 1,500 lbs. are 5c. per lb. higher for less than 200 lbs.; 2c. per lb. higher for 200-400 lbs.; and 1c. per lb. higher for400-1,500 lbs., for partial shipments on contracts, prices are 3c. per lb. higher on lots of less than 200 lbs.; 1c. per lb. higher for 200-400 lbs.; and ½c. per lb. higher for 400-1,500 lbs.; for containers smaller than drums, prices are 1c. per lb. higher for 100 lbs.; 1½c. per lb. for 50 lbs.; 3c. per lb. for 10 lbs.; 5c. per lb. for 2 lbs.; 8c. per lb. for 1 lb.; and 12c. per lb. for ½ lbs.; on single shipments of 5,000 lbs. prices are 1c. per lb. lower; for 30,000 lbs. prices are 2c. per lb. lower. Transportation allowed East of Mississippi.
Ambergris, gray, tins.....oz. 17.00 -36.00
Aminopyrine, fib., dms., 100 lbs. lb. 4.00 - —
bots., 5 lbs. .....lb. 4.23 - 4.25
Ammonia, acetate, bbls., kgs., dlvd..lb. .27 - .33
dms., dlvd.....lb. .23 - .26
Aldehyde, dms.....lb. .65 - .70
Anhydrous, fertiliser, com'l, tanks (50,000 lbs.), works..lb. .04½- —
refrigeration, tanks, works.. lb. .05 - —
Ammonia, anhydrous, pure, cyls., dlvd., met. N. Y..lb. .16 - .22
Anhydrous ammonia in cylinders is quoted on a nationwide schedule of delivered and stock point prices in all States.
Aqua, 26°, cbys.....lb. .05 - —
dms., c.l.....lb. .02 - —
l.c.l.....lb. .02¼- —
tanks (on NH_3 content), dlvd., E..lb. .05 - .05½
Benzoate, dms., 4,000 lbs. or more..lb. .41 - .43
1,000 lbs. to 3,900 lbs....lb. .42 - .43
900 lbs. or less.....lb. .45 - .46
kgs., 4,000 lbs. or more....lb. .40 - —
1,000 lbs., to 3,900 lbs...lb. .41 - —
900 lbs. or less.....lb. .44 - —
Bicarbonate, bbls., c.l., works.. 100 lbs. 5.15 - —
l.c.l., dlvd. N. Y....100 lbs. 5.71 - —
Bichromate, bbls.....lb. .22 - —
Bifluoride, bbls.....lb. .14½- .16½
Borate, bbls., kgs.....lb. .15 - .16
Bromide, gran., bbls.....lb. .35 - —
bxs.....lb. .35 - .39
kgs.....lb. .36 - —
Carbonate, tech., dom., bbls. lb. .08 - .12½
imported, csks.....lb. .08 - .12½
USP, lump, dms.....lb. .08 - .17
powd., bbls., dms.....lb. .09 - .35
Chloride, tech. (see Ammonium, sal).
USP, gran., 225 lb. bbls....lb. .12 - .13
100 lb. kgs.....lb. .15 - —
Citrate, dms.....lb. .80 - —
cns.....lb. .85 - —
Fluoride, bbls.....lb. .17 - .19
Hydroxide, (see Ammonia, aqua),
Hypophosphite, fib., dms.....lb. 1.10 - 1.17
jars.....lb. 1.20 - —
Iodide, 5-lb. bots.....lb. 3.52 - —
jars.....lb. 3.45 - —
Laurate, bbls.....lb. .24 - —
Linoleate, 80%, anhyd., bbls.lb. .13 - —
Molybdate, kgs.. wks.....lb. 1.05 - 1.20
Naphthanate, bbls.....lb. .18 - —
Nitrate, tech., bgs., c.l., works. 100 lbs. 3.60 - —
l.c.l., works.....100 lbs. 3.85 - —
bbls., c.l., works.....100 lbs. 3.80 - —
l.c.l., works.....100 lbs. 4.05 - —
Oleate, dms.....lb. .15 - —
Oxalate, neutral, cryst., powd., bbls., kgs..lb. .19 - .20
Perchlorate, kegs.....lb. .16 - —
Persulphate, kgs.....lb. .21 - .23
Phosphate, dibasic, N.F.V., bbls., lb. .27 - —
kgs.....lb. .29 - —
tech., bbls., c.l.....lb. .07½- —
l.c.l.....lb. .09 - .10
monobasic, crude (fert. grade), 11% N 18% phos. bulk, f.o.b. E. works.. unit-ton 1.20 & .70
pure, bbls.....lb. .40 - .45
tech., bbls., c.l.....lb. .07½- —
l.c.l.....lb. .09 - .10
Ricinoleate, bbls.....lb. .16 - —
Salicylate, U.S.P., kgs.....lb. 1.15 - 1.20
Silicofluoride, imp., 350-lb. bbls., f.o.b. N. Y..lb. .06 - —
5 bbls., same basis.....lb. .06½- —
Stearate, anhydrous .....lb. .23 - —
paste .....lb. .08 - —
Sulphate, dom., bulk, c.l., f.o.b. November shipt....ton.27.50 - —
December shipt....ton.27.75 - —
Jan.-June, 1939 shipt., ton.28.00 - —
Ammonia sulphate prices are f.o.b. cars nearest Atlantic or Gulf port, and/or $1 per ton less than above prices f.o.b. cars nearest inland producing oven, whichever is lower to destination.
Sulphide, liquid, 35-40%, basis 100%, dms,, works..lb. .12 - .13
tanks, delvd. .....lb. .11 - —
Sulphocyanide, com'l, fib., dms., 2,000 lbs., works.....lb. .14 - —
smaller lots, works.....lb. .16 - —
pure, 99-100%, kgs. .....lb. .55 - —
Ammoniac, gum (see Gum, ammoniac).
Sal, gray, dom,, bbls., c.l., 100 lbs. 5.50 - 5.75
l.c.l. .....100 lbs. 6.00 - 6.70
Sal, white, gran., dom., bbls., contracts, N. Y., l.c.l. 100 lbs. 4.90 - 5.05
import, csks. .....100 lbs. 4.90 - 5.05
Amyl acetate, ex fusel oil, dms., c.l., dlvd..lb. .10½- —
l.c.l., dlvd.....lb. .11 - —
tanks, dlvd.....lb. .09½- —
cns., works.....lb. .15 - .17
ex pentane, dms., frt. alld.lb. .11 - —
l.c.l., frt., alld.....lb. .12 - —
tanks, frt., alld.....lb. .10 - —
Alcohol (see Alcohol amyl).
Butyrate, dms., 50 gal., returnable..lb. .75 - —
Caproate, cns.....lb. 2.75 - —
Chloride, normal, dms., works, lb. .56 - —
small lots, works.....lb. .66 - —
mixed, tech., dms., c.l., works..lb. .07 - —
l.c.l., works.....lb. .077 - —
tanks, works.....lb. .06 - —
Cinnamic aldehyde, cns.....lb. 2.00 - 2.25
Nitrite, bots.....lb. 1.80 - 1.85
Mercaptan, dms., l.c.l., works.lb. 1.10 - —
Oleate, dms., l.c.l., works...lb. .25 - —
Salicylate, bots., 5 lbs.....lb. .61 - —
cns., 25 lbs.....lb. .51 - —
Stearate, dms., l.c.l., works..lb. .26 - —
Amylene, cms., c.l., works....lb. .102 - —
l.c.l., works.....lb. .11 - —
tanks, works.....lb. .09 - —
Anethol, bots. .....lb. 1.00 - 1.05
Angelica root, dom., bls.....lb. .18 - .20
import, natural, bls.....lb. .20 - .23
twisted, bls.....lb. .30 - .40
Angostura bark, bls.....lb. .30 - .31
Anilin oil, dms., c.l.....lb. .15 - —
l.c.l. .....lb. .16 - —
tanks .....lb. .14½- —
Salt, dms., works.....lb. .22 - .24
Anise, Spanish, bgs.....lb. .16 - .16½
Star, bgs. .....lb. .16¾- .17¼
Anisic aldehyde, bots.....lb. 3.00 - 3.10
Annatto paste, bxs.....lb. .34 - .39
seed, bgs .....lb. .07½- .08
Anthracene, 80-85%, wks.....lb. .40 - —
Anthraquinone, 99.5%, subl., bbls., lb. .65 - —
Antimony butter (see Antimony chloride)
Chloride, solut., cbys.....lb. .17 - —
Metal, spot.....lb. .12¼- —
Needle, powd., ton lots, bulk, lb. .12½- —
bbls. .....lb. .13½- —
Oxide, bbls., c.l.....lb. .11¼- —
l.c.l. .....lb. .12¾- —
Salts, 65%, kgs.....lb. .26 - .27
White, pigment, bgs., c.l., Texas works, frt. alld to ½..lb. .11¼- .14¼
Antipyrene, bbls., kgs., ton lots, lb. 2.00 - —
smaller lots.....lb. 2.10 - 2.15
Apomorphine, bots.....oz. 23.20 -23.70
Archil extract, con., bbls.....lb. .21 - .27
double, bbls.....lb. .18 - .20
triple, bbls.....lb. .14 - .20
Areca nuts, powd., bbls.....lb. .11 - .12
Arecoline hydrobromide, bots..oz. 4.25 - 4.50
Argols, test 70% to 85%, basis 100%, 100 kgm., purity, 100 kilos.82.00 -84.00
Arnica flowers, bls.....lb. .30 - .31
Root, bls.....lb. .38 - .40
Arrowroot, St. Vincent, powd., bgs..lb. .08 - .09½
bbls. .....lb. .08½- .09
Arsenic, metal, lump, cs.....lb. .40 - .41
Chloride (arsenous), cns.....lb. 4.85 - —
Iodide (arsenous), 5-lb. bots.lb. 5.35 - —
jars .....lb. 5.20 - —
Red, import, cs.....lb. .15¾- .16½
Trioxide (see Acid, arsenous).
White, powd., kgs., c.l.....lb. .03 - —
l.c.l. .....lb. .03¾- —
Asafetida, cs.....lb. .23 - .24
powd., bbls., bxs.....lb. .37 - .38
Asbestine (see Talc, N. Y. fibrous).
Asbestos fiber, 5M, bgs., c.l. (20 tons), Canad. mines..ton.42.50 - —
5R, bgs., c.l. (20 tons), Canad. mines..ton.40.00 - —
6D, bgs., c.l. (20 tons), Canad. mines..ton.30.00 - —
7D, bgs., c.l. (20 tons), Canad. mines..ton.25.00 - —
7F, bgs., c.l. (20 tons), Canad. mines..ton.23.00 - —
7H, bgs., c.l. (20 tons), Canad. mines..ton.19.00 - —
7K, bgs., c.l. (20 tons), Canad. mines..ton.16.50 - —
7M, bgs., c.l. (20 tons), Canad. mines..ton.14.00 - —
Asphaltum, Barbados, A, bgs., 20 tons, f.o.b. N. Y.....lb. .02½- —
smaller lots, f.o.b. N. Y.lb. .03½- —
AA, bgs., 20 tons, f.o.b. N.Y., lb. .06½- —
smaller lots, f.o.b. N. Y..lb. .10½- —
California, dms., c.l., f.o.b. N. Y..ton.29.00 - —
l.c.l., f.o.b. N. Y.....ton.36.50 - —
Cuban A, bgs., c.l., f.o.b. N. Y. ton.60.00 - —
l.c.l., f.o.b. N. Y.....ton.90.00 - —
B, bgs., c.l., f.o.b. N. Y..ton.35.00 - —
l.c.l., f.o.b. N. Y.....ton.55.00 - —
Egyptian, bgs., c.l., f.o.b. N.Y. lb. .12 - —
l.c.l., f.o.b. N. Y.....lb. .15 - —
Gilsonite, brilliant black, bgs., c.l., Western shipt. points, ton.32.90 - —
seconds, bgs., c.l., Western shipt. points..ton.25.50 - —
selects, bgs., c.l., Western shipt. points..ton.30.50 - —
l.c.l., f.o.b., N. J. or N. Y., whse..ton.51.00 - —
Jet., bgs., c.l., Western shipping points..ton.30.50 - —
Manjak (see Asphaltum, Barbados).
Mexican, Texas, dms., c.l., refinery..ton.19.00 - —
l.c.l., refinery.....ton.21.00 - —
tanks, refinery.....ton.16.00 - —
Petroleum, cut-back, bbls., l.c.l., E. cst., refinery..gal. .18 - —
dms., c.l., E. cst., refinery, gal. .12 - —
tanks, Calif., refinery...ton.12.50 -14.00
East Coast, refinery...gal. .06 - .06½
Ill., Ind., refinery.....gal. .06½- —
N. Orleans refinery....gal. .06 - —
Atropine, bots. .....oz. 5.25 - 5.50
Sulphate, bots. .....oz. 2.85 - 2.95
cns. .....oz. 2.75 - 2.80

B

Balm of Gilead buds, bgs....lb. .25 - .28
Barberry bark, bgs.....lb. .20 - .22
Tree bark, bls.....lb. .09 - .10
Barbital, cs.....lb. 2.25 - 2.30
Barium carbonate, natural, 90%-96%, grd., bgs., c.l., works, ton.41.00 -43.00
99% thru, 200, mesh bgs., c.l., works..ton.42.00 -45.00
precip., bgs., c.l., works..ton.52.50 - —
bbls., works.....ton.57.50 - —
l.c.l., bgs., works.....ton.57.50 - —
bbls., works.....ton.62.50 - —
sulphur-free, bgs., bbls., c.l., works..ton.57.50 -62.50
Chlorate, kgs.....lb. .16¼- .17½
Chloride, C.P., cryst., bbls..lb. .19 - —
dms. .....lb. .20 - —
tech., doms., cryst., bgs., c.l., Zone 1, dlvd., New England States, N. Y., N. J., Pa., Md., Va., Ohio, Mich., Ind., Wisc., Ill., Ky. and principal cities on west bank of Miss., north of Ark. line....ton.77.00 - —
bbls., same basis..ton.79.00 - —
l.c.l., bgs., same basis. ton.90.00 - —
bbls., same basis..ton.92.00 - —
Zone 2, bgs., c.l., dlvd., Tenn., N. & S. Carolina, Ga., Ala., Miss., Fla..ton.81.00 - —
bbls., same basis..ton.83.00 - —
l.c.l., bgs., same basis, ton.94.00 - —
bbls., same basis..ton.96.00 - —
Zone 3, bgs., c.l., Minn., Ia., Mo., Col., N. Mex., Idaho, Utah, Ariz..ton.87.00- —
bbls., same basis..ton.89.00 - —
l.c.l., bgs., same basis, ton.100.00 - —
bbls., same basis..ton.102.00 - —
Zone 4, bgs., c.l., dlvd., Wash., Ore., Calif., Nev..ton.83.00 - —
bbls., same basis..ton.85.00 - —
bbls., l.c.l., same basis, ton.96.00 - —
bbls., same basis..ton.98.00 - —
Dioxide, dms.....lb. .11 - .15
Fluoride, bbls.....lb. .11½- .12½
Fluosilicate, bbls.....lb. .11½- .12½
Hydrate (see Hydroxide).
Hydroxide, bbls.....lb. .04¾- .05½
Iodide, bots. .....lb. 4.45 - 4.50
Monoxide (see Oxide).
Nitrate, cks. .....lb. .06¾- .07¼
Oxide, dms.....lb. .09 - .11
Peroxide (see Dioxide).
Sulphate, tech. (see Barytes and blanc fixe).
X-ray, bbls.....lb. .09½- .10
kgs. .....lb .12 -
Barytes, dom., floated, bbls., c.l., St. Louis..ton.23.65 - —
l.c.l., ex whse., Boston, ton.36.00 - —
Chicago .....ton.31.15 - —
Cleveland .....ton.33.50 - —
New York.....ton.32.00 - —
Barytes, dom., paper bgs., c.l., St. Louis..ton.22.85 - —
l.c.l., ex car, Baltimore, ton.30.70 - —
Boston .....ton.31.70 - —
Philadelphia .....ton.30.50 - —
ex whse., Baltimore.ton.32.10 - —
Boston .....ton.35.20 - —
Chicago .....ton.30.35 - —
Cleveland .....ton.33.00 - —
Detroit .....ton.33.00 - —
Kansas City .....ton.30.93 - —
Los Angeles .....ton.42.00 - —
New York .....ton.31.50 - —
Philadelphia .....ton.31.90 - —
San Francisco.....ton.42.00 - —
Toronto .....ton.39.50 - —
southern off color, bulk, mines. ton.12.00 - —
95.75%, bulk, mines....ton.16.00 - —
ore, bulk, mines.....ton. 7.00 - —
Cuban, crude, c.l., c.i.f.....ton.11.00 - —
German, grd., bbls., c.l., dock, t.a..ton.25.00 -26.00
l.c.l., ex whse.....ton.30.00 - —
ungrd., bulk, c.l., ex dock, ton.13.00 -14.00
Italian, grd., bbls., c.l., ex dock, t.a..ton.29.50 Nom.
l.c.l., ex whse.....ton.32.50 - —
Bauxite, bulk, mines.....ton. 7.00 -10.00
Bay leaves (see Laurel leaves)
Bay rum, import, bbls.....gal. .71½- .72
Bayberry bark, bgs.....lb. .15 - .16
Belladonna leaves, bls.....lb. .13 - .17
Root, bls. .....lb. .12 - .14
Bentonite, 200 mesh, bgs., Wyo., works..ton.11.00 - —
325 mesh, bgs., Wyo., works, ton.16.00 - —
Benzaldehyde, tech., cbys., dms., lb. .60 - .70
USP, X, dms., 50 to 100 lbs..lb. .85 - —
5 to 25 lbs.....lb. .90 - .95
Benzene (see benzol).
Benzidin base, bbls.....lb. .70 - —
Benzol, 90%, nitration, pure, dms., works..gal. .21 - —
tankcars, frt. alld. E. of Omaha..gal. .16 - —
tankcars, W. Coast, f.o.b. Minnequa, Colo..gal. .16 - —
Benzoyl chloride, dms.....lb. .23 - .28
Peroxide, pure, gran., fib. ctns., works..lb. 1.95 - —
Benzyl acetate, f.f.c., cns.....lb. .49 - —
dms. .....lb. .44 - —
Alcohol (see Alcohol, benzyl).
Benzoate, a.m.a., f.f.c., cans. lb. .94 - —
dms. .....lb. .89 - —
Benzyl chloride, 95.97%, refd., dms..lb. .30 - .40
tech., dms. .....lb. .25 - .26
Formate, cns.....lb. 2.75 - 3.50
Benzylidineacetone, bots.....lb. 2.00 - 3.00
Berberine bisulphate, cns.....lb.16.75 - —
Hydrochloride, cns. .....lb.16.75 - —
Sulphate, cns. .....lb.16.75 - —
Berberis root, bls.....lb. .14 - .15
Betanaphthol, subim., bbls....lb. .55 - —
kgs. .....lb. .60 - —
tech., bbls., c.l., works.....lb. .23 - —
l.c.l., bbls., works.....lb. .24 - —
Benzoate, fib., dms.....lb. 2.10 - —
kgs. .....lb. 2.00 - —
Betanaphthylamine, tech., kgs.lb. .51 - —
Beth root, bls.....lb. .19 - .20
Bismuth chloride, 5-lb. bots...lb. 3.20 - 3.25
Citrate, USP, VIII, 5-lb. bots., lb. 2.76 - —
jars .....lb. 2.65 - —
Hydroxide, 5-lb. bots.....lb. 3.27 - —
cns. .....lb. 3.15 - —
Metal, ton lots.....lb. 1.05 - —
Nitrate, cryst., 5-lb. bots...lb. 1.34 - —
cns. .....lb. 1.20 - —
Oxychloride, 5-lb. bots.....lb. 3.04 - —
cns., kgs.....lb. 2.95 - —
Subbenzoate, 5-lb. bots.....lb. 3.36 - —
fib., dms.....lb. 1.13 - 1.16
Subcarbonate, bots., cns.....lb. 1.62 - 1.88
fib. dms.....lb. 1.53 - 1.66
X-ray, 5-lb. bots.....lb. 2.42 - —
fib. dms.....lb. 2.36 - —
Subgallate, bots., cns.....lb. 1.67 - 1.93
fib. dms.....lb. 1.58 - 1.61
Subiodide, cns.....lb. 3.91 - —
fib., dms.....lb. 3.88 - —
Subnitrate, powd., bots., cns. lb. 1.42 - 1.68
fib. dms.....lb. 1.33 - 1.36
Subsalicylate, 62-66%, bxs...lb. 2.44 - —
bbls., fib. dms.....lb. 2.30 - —
Sulphocarbolate, 5-lb. bots....lb. 3.61 - —
fib. dms.....lb. 3.50 - —
Trioxide, powd., 5-lb. bots...lb. 3.56 - —
cns. .....lb. 3.45 - —
Bismuth-ammonia citrate, USP, powd., 5-lb. bots..lb. 3.49 - —
cns. .....lb. 3.30 - —
Bismuth-betanaphthol, 5-lb. bots., lb. 3.14 - —
fib. dms.....lb. 3.05 - —
Black, acetylene, c.l., works, duty paid..lb. .14 - —
Bone, 1A, bbls., bgs., c.l., frt. alld. E..lb. .16 - —
l.c.l., frt. alld. E.....lb. .16½- —
1. bbls., bgs., c.l., frt. alld. E..lb. .12 - —
l.c.l., frt. alld. E.....lb. .12½- —
2. bbls., bgs., c.l., frt. alld., E..lb. .10½- —
l.c.l., frt. alld. E.....lb. .11 - —
3. bbls., bgs., c.l., frt. alld. E..lb. .09½- —
l.c.l., frt. alld. E.....lb. .10 - —
4. bbls., c.l., frt. alld. E..lb. .08½- —
l.c.l., frt. alld. E.....lb. .09 - —
5. bbls., bgs., c.l., frt. alld. E..lb. .07½- —
l.c.l., frt. alld. E.....lb. .08 - —
6, bbls., c.l., frt. alld. E..lb. .05½- —
l.c.l., frt. alld. E.....lb. .06 - —
7. bbls., bgs., c.l., frt. alld. E..lb. .09 - —
l.c.l., frt. alld. E.....lb. .09¼- —
8. bbls., bgs., c.l., frt. alld. E..lb. .10 - —
l.c.l., frt. alld. E.....lb. .10¼- —
Bone black prices on Pacific Coast are 1c. per lb. higher. ex dock or ex whse.
Carbon, special, 1, bgs., c.l., dlvd..lb. .03¾- .04¾
bgs., ctns., l.c.l., dlvd..lb. .06¾- —
cs., l.c.l., dlvd.....lb. .07½- —
2, bgs., c.l., works.....lb. .08½- —
l.c.l., dlvd.....lb. .10½- —
cs., l.c.l., dlvd.....lb. .12 - —
3, bgs., c.l., works.....lb. .13 - —
l.c.l, dlvd.....lb. .14½- —
cs., l.c.l., dlvd.....lb. .16½- —
4, bgs., c.l., works.....lb. .27½- —
cs., c.l., works.....lb. .20 - —
l.c.l., dlvd. .....lb. .32 - —
5, bgs., cs., c.l., works..lb. .40 - —
cs., l.c.l., dlvd.....lb. .44 - —
6, cs., l.c.l., dlvd.....lb. .60 - —
7, cs., l.c.l., dlvd.....lb. 1.10 - —
standard, bgs., c.l., dlvd., rail zone A (Gulf ports), for delivery in Nor. Amer. (water freights extra)..lb. .02¾- —
B (Ark., Col., Kan., part of Mo., N. M., Tex., except coastal ports)..lb. .6310- —

Black, carbon, standard, bgs., 50,000 lbs., dlvd., Zone C (Pac. Cst. States)..lb. .0819- —
30,000 lbs., dlvd., Zone C, Pac. Cst. States..lb. .0835- —
D (Ill., Ia., Wis.)..lb. .08¼- —
E (Fla., Ga., Ind., Ky., Mich., part of N. Y., Ohio, part of Pa., Tenn., W. Va.)....lb. .0841- —
F (Me., Md., Mass., N. H., N. J., part of N. Y., N. C., part of Pa., R. I., S. C., Vt., Va.)..lb. .08¾- —
G (Mexico) f.o.b. border, lb. .03 - —
f.o.b. N. Orleans, lb. .029 - —
l.c.l., f.o.b. whse.....lb. .05¾- —
bgs. or ctns. (seller's option), l.c.l., dlvd..lb. .06¼- —
bulk, tanks, same price as bags in each zone.
cs., l.c.l., dlvd.....lb. .07 - —
export, full, compressed, cs., f.a.s., Gulf ports..lb. .04¾ Nom.
uncompressed, cs., f.a.s. Gulf ports..lb. .05¼ Nom.
Charcoal (see C).
Graphite (see G).
Iron oxide, magnetic, 1, bbls., l.c.l., works..lb. .07¾- .08¼
2, bbls., l.c.l., works....lb. .07 - —
pure, bbls., works.....lb. .08¾- —
Ivory, genuine, bbls.....lb. .30 - .35
Lamp, dom., 1, ctns., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
2, ctns., c.l., works.....lb. .09 - —
l.c.l., works.....lb. .10 - —
2A, ctns., c.l., works....lb. .11 - —
l.c.l., works.....lb. .12 - —
3, ctns., c.l., works.....lb. .13 - —
l.c.l., works.....lb. .14 - —
4, ctns., c.l., works.....lb. .14 - —
l.c.l., works.....lb. .15 - —
5, ctns., c.l., works.....lb. .17 - —
l.c.l., works.....lb. .18 - —
6, ctns., c.l., works.....lb. .24 - —
l.c.l., works.....lb. .25 - —
7, ctns., c.l., works.....lb. .34 - —
l.c.l., works.....lb. .35 - —
import, 1, bbls., c.l., f.o.b., N.Y..lb. .08 - —
l.c.l., f.o.b. N. Y.....lb. .09 - —
2, bbls., c.l., f.o.b. N. Y..lb. .11 - —
l.c.l., f.o.b. N. Y.....lb. .12 - —
3, bbls, c.l., f.o.b. N. Y..lb. .13 - —
l.c.l., f.o.b., N. Y.....lb. .14 - —
4, bbls., c.l., f.o.b. N. Y..lb. .14 - —
5, bbls., c.l., f.o.b. N. Y..lb. .19 - —
l.c.l., f.o.b. N. Y.....lb. .20 - —
6 bbls., c.l., f.o.b. N.Y.....lb. .24 - —
l.c.l., f.o.b. N. Y.....lb. .25 - —
Vine, A, bbls., works or N. Y., lb. .04¼- —
B, bbls., works or N. Y....lb. .05½- —
Black dyes are listed under dyes.
Black haw, root bark, bls....lb. .23 - .25
Tree bark, bls.....lb. .14 - .15
Black Indian hemp root, bls...lb. .16 - .18
Blanc fixe, dry, by-product, bgs., c.l..ton.55.00 - —
l.c.l. .....ton.60.00 - —
high grade precip., bgs., c.l., works, frt. equal.ton.70.00 - —
l.c.l., same basis....ton.75.00 - —
pulp, 65¾%, bulk, c.l., works. ton.40.00 -42.50
Bleaching powder, dms., c.l., works..100 lbs. 2.00 - 2.05
l.c.l., works.....100 lbs. 2.25 - 2.35
Blood, dried, dom., 16-16½ ammon., bgs., f.o.b. N. Y., unit-ton. 3.00 - —
high-grade, grd., 16-17 ammon., bulk, f.o.b. Chi., unit-ton. 3.15 - —
import, bgs., c.i.f. ports, shipt., unit-ton. 2.90 - —
soluble (see Albumen, blood)
Bloodroot, bls.....lb. .13 - .14
Blue, alkali, toner, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis, lb. .90 - —

Alkali blue toner prices are ½c. higher dlvd Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex. (Dallas Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.

Bronze, bbls., same basis, alkali toner contracts..lb. .36 - —
open order.....lb. .37 - —
Celestial, bbls.....lb. .10 - .12
Chinese, bbls., same basis, alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Cobalt, genuine, 1-kilo pkg., lb. 4.90 - —
Imitation (see Blue, ultramarine, group 6).
Copper, phthalocyanin, bbls., f.o.b. works, frt. alld..lb. 3.30 - 3.75
Milori, bbls., same basis alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Potash, dom., bbls., same basis alkali toner, contracts..lb. .45 - —
open order.....lb. .46 - —
Prussian, bbls., same basis alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Soluble, bbls., same basis alkali toner, contracts, lb. .36 - —
open order.....lb. .37 - —
Tungstated, peacock, kgs....lb. 3.75 - —
Victoria, kgs.....lb. 3.35 - —
Ultramarine, dry, jobbing, bbls., works, frt. equaled..lb. .11 - —
regular, 1, bbls., works, frt. equaled..lb. .16 - —
2, bbls, same basis.....lb. .18 - —
3, bbls., same basis.....lb. .19 - —
4, bbls., same basis.....lb. .20 - —
5, bbls., same basis.....lb. .23 - —
6, cobalt, A, bbls., same basis..lb. .27 - —
B, bbls., same basis..lb. .24 - —
C, bbls., same basis..lb. .23 - —
D, bbls., same basis..lb. .22 - —
7, A, bbls., same basis..lb. .33 - —
B, bbls., same basis...lb. .32 - —
special, 1, bbls., same basis. lb. .19 - —
2, bbls., same basis.....lb. .29 - —
3, bbls., same basis.....lb. .23 - —
4, bbls., same basis.....lb. .23 - —
5, bbls., same basis.....lb. .25 - —
6, bbls., same basis.....lb. .27 - —
pulp, 1, bbls., same basis...lb. .27 - —
2, bbls, same basis.....lb. .25 - —
3, bbls., same basis.....lb. .23 - —
4, bbls., same basis.....lb. .20 - —
Ultramarine, blue, dlvd., ex whse., 1c. higher; Pac. Coast ex whse., 2c. higher; 100-lb. kgs., 1c. above bbls.; 28-lb. boxes 5c. above bbls.
Victoria, ink toner, bbls., same basis alkali toner..lb. 1.85 - —
Blue dyes are listed under Dyes.
Bluefag root, bls.....lb. .15 - .16
Blue mass, USP., ens., kgs..lb. 1.00 - 1.05
Blue vitriol, 99%, cryst., bbls., c.l., f.o.b. works..100 lbs. 4.50 - —
l.c.l., 18-50 bbls., same basis, 100 lbs. 4.65 - —
6-15 bbls., same basis. 100 lbs. 4.75 - —
1-5 bbls., same basis..... 100 lbs. 5.00 - —
Monohydrated, dms., c.l., dealer, f.o.b. works..100 lbs. 9.00 - 9.25
l.c.l. dealers.....100 lbs.10.00 -10.25
Bluestone (see Blue vitriol).
Bone, raw, dom., 4½% ammon., 50% phos., bgs., f.o.b. Chicago..ton.28.00 -29.00
c.i.f. Atlantic ports.....ton.28.50 - —
import, bgs., c.i.f., ports.ton.27.00 - —
meal, steamed, dom., 3% ammon. 50% phos., bgs., f.o.b. Chicago..ton.24.00 -26.00
import, 100-lb. bgs., c.i.f. ports, shipt..ton.21.50 - —
phosphate, precip., see Calcium phosphate dibasic, precip.).
steamed, dom., 1½% ammon. 60% phos., bgs., f.o.b. Chicago..ton.19.00 -21.00
import, 1% ammon., 65-70% phos., bgs., c.i.f. ports..ton.20.75 - —
Borage flowers, bls. .....lb. .20 - .21
Borax, tech., 99¼%, cryst., bbls., contracts, 80 tons min., dlvd..tons.58.00 - —
l.c.l., ex whse.....ton.67.00 -72.00
sks., contracts, 80 tons min., dlvd..tons.48.00 - —
l.c.l., ex whse.....ton.57.00 -62.00
gran., bbls., contracts, 80 tons min. dlvd..ton.62.00 - —
l.c.l., ex whse.....ton.64.00 -69.00
sks., contracts, 80 tons min., dlvd..ton.48.00 - —
l.c.l., ex whse...ton.54.00 -59.00
powd., bbls., contracts, 80 tons min., dlvd..ton.58.00 - —
l.c.l., ex whse.....ton.69.00 -74.00
sks., contracts, 80 tons min. dlvd..ton.48.00 - —
l.c.l., ex whse.....ton.59.00 -64.00
USP, $15 per ton higher.
Bordeaux mixture, dms., c.l., dealers..lb. .11 - —
l.c.l., dealers, dms..lb. .11½- —

Bordeaux mixture prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. and over; no trucking or freight allowances for works or warehouse pick-ups.

Borneol, bots. .....lb. 1.75 - 2.00
cns. .....lb. 1.50 - —
Brazilwood extract (see Hypernic).
Brimstone (see Sulphur).
Bromine, purif., cs., 1,000 lbs., frt. alld. E. of Rockies..lb. .30 - —
single pkg., same basis.lb. .35 - —
Bromoform, USP, bots.....lb. 1.40 - 1.60
Bromstyrol, bots.....lb. 3.25 - 3.75
Bronze powder, aluminum (see A).
Gold, litho, ens., dms., over 10 lbs..lb. .45 - .55
moulding, ens., dms., over 10 lbs..lb. .65 - .90
printing ink, ens., dms., over 10 lbs..lb. .70 - 1.10
radiator, ens., dms., over 10 lbs..lb. .45 - .50
Broomtop, bls. .....lb. .10 - .11
Brown, iron oxide, pure precip., cks., f.o.b. N.Y., or works..lb. .10 - —
Metallic, bbls., works.....lb. .02¼- —
paper bags, c.l., works....lb. .0210- —
Sienna, burnt, American, bbls., works..lb. .08 - —
Italian, Group 1, bbls., f.o.b. N. Y. or Pa. points..lb. .12¼- —
Group 2, bbls., same basis, lb. .10½- —
3, bbls., same basis...lb. .11 - —
4, bbls., same basis...lb. .09¼- —
5, bbls., same basis...lb. .09 - —
6, bbls., same basis...lb. .08¼- —
7, bbls., same basis...lb. .07¼- —
8, bbls., same basis...lb. .07¼- —
9, bbls., same basis...lb. .06¾- —
10, bbls., same basis...lb. .06 - —
11, bbls., same basis..lb. .05 - —
Umber, American, bbls., works, lb. .02½- —
Turkey, bbls., l.c.l., f.o.b. Bethlehem, Pa., Easton, Pa., N. Y..lb. .04 - —
St. Louis.....lb. .04¼- —
ex car Los Angeles...lb. .04¼- —
ex dock, Portland, San Francisco, Seattle..lb. .04¾- —
ex whse., Boston....lb. .04½- —
Chicago, Indianapolis, New Orleans.....lb. .04¾- —
Kansas City.....lb. .05 - —
Los Angeles, Portland, San Francisco, Seattle, lb. .04¾- —
Minneapolis .....lb. .0485- —
Pittsburgh .....lb. .04¼- —
Vandyke, bbls., l.c.l.....lb. .05¾- —
Walnut crystals, bbls.....lb. .05½- .06
Brucine, 100 oz., cns.....oz. .10 - —
Sulphate, 100 oz., cns.....oz. .07 - —
Bryonia root, bls.....lb. .10 - .11
Buchu leaves, bls.....lb. .34 - .35
Buckthorn bark, true, bls.....lb. .05 - .05½
Berries, bgs. .....lb. .17 - .18
Burdock root, bls. .....lb. .10 - .10½
Burgundy pitch, dom., bbls...lb. .03½ - .03¾
Butanes, comi., 16-34°, tanks, group 3..gal. 03¾- —
Butternut bark, bls.....lb. .07 - .08
Butyl acetate, norm., dms., c.l., contract, frt. alld..lb. .09½- —
l.c.l., contract, frt.alld..lb. .10 - —
tanks, contract, frt. alld..lb. .08½- —
secondary, dms., c.l., frt. pd. E. of Rocky Mts..lb. .07½- —
l.c.l., same terms.....lb. .08 - —
tanks, same terms.....lb. .06½- —
Alcohol (see Alcohol):—
Aldehyde, dms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .16½- .17½
tanks, works.....lb. .14½- —
Carbinol (see Carbinol).
Chloride, normal, dms., c.l., works..lb. .20 - —
l.c.l. .....lb. .23 - —
Crotonate, normal, 55 & 110 gal. dms., dlvd..lb. .33 - —
5 & 10 gal. dms., dlvd....lb. .36 - —
Ether (see under Ether).
Lactate, dms. .....lb. .23¼- —
Propionate, dms., dlvd.....lb. .16½- .17
tanks .....lb. .15½- —
Stearate, dms. .....lb. .26 - —
Butyric ether, bots.....gal. 6.00 - 6.50
ens., works .....lb. .65 - .70
dms., frt. alld. Mot. N. Y..lb. .60 - —

C

Cadmium bromide, jars, 100 lbs., works, frt. equal'd..lb. 1.66 - —
50 lbs., works.....lb. 1.66 - —
25 lbs., works.....lb. 1.71 - —
bots., 5 lbs., works.....lb. 1.85 - —
Iodide, 5-lb. bots.....lb. 4.31 - —
25-lb. cns.....lb. 3.97 - —
Lithopone (see Yellow)
Metal, cs.....lb. .85 - —
Red (see Red).
Selenide (see Red).
Sulphide (see Yellow).
Caffeine, 100-lb. dms., 10,000 lbs. or more..lb. 2.20 - —
2,000 lbs., or more.....lb. 2.25 - —
1,000 lbs., or more.....lb. 2.30 - —
100 lbs.....lb. 2.35 - —
25-lb. dms., 10,000 lbs., or more..lb. 2.22 - —
2,000 lbs., or more.....lb. 2.26 - —
1,000 lbs., or more.....lb. 2.32 - —
100 lbs.....lb. 2.42 - —
25 lbs.....lb. 2.55 - —
10-lb. cns., 10,000 lbs. or more. lb. 2.25 - —
2,000 lbs., or more.....lb. 2.30 - —
1,000 lbs., or more.....lb. 2.35 - —
100 lbs.....lb. 2.45 - —
less than 100 lbs.....lb. 2.75 - —
5-lb. cns., 25 lbs., or more..lb. 2.70 - —
less than 25 lbs.....lb. 2.85 - —
Citrated, cns.....lb. 1.80 - 2.10
Hydrobromine, bots.....lb. 4.91 - 4.99
Calabar beans, bgs.....lb. .25 - .28
Calamus root, bleached, cs....lb. .40 - .41
peeled, bls.....lb. .12 - .14
Calcium acetate, bgs.,dlvd.100 lbs. 1.65 - —
Arsenate, bgs., c.l., dealers, E. of Rockies..lb. .06¾- .07¼
W. of Rockies, bgs., dms.. lb. .06½- .06¾
Southern cotton states, bgs., lb. .06¼- .07

Calcium arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for plant or whse. pick-up.

Bromide, 100 lbs., works, frt. equaled..lb. .70 - —
50 lbs., works.....lb. .72 - —
25 lbs., works.....lb. .75 - —
Carbide, dms.....lb. .05 Nom.
Carbonate (see Chalk and Whiting).
Chloride, flake, dom., 77-88%, bgs., dms., c.l., dlvd.ton.22.00 -35.00
l.c.l., 1 ton or over, dlvd. 100 lbs. 1.70 - 2.35
liquor, basis 40%, tanks, works ton. 7.50 - —
solid, dom., 75-75%, bgs., dms., c.l., dlvd..ton.20.00 -33.00
l.c.l., 1 ton or over, dlvd. 100 lbs. 1.60 - 2.25
Gluconate, U.S.P., gran., powd., bbls., 125 lbs..lb. .50 - —
dms. .....lb. .55 - .57
ens. .....lb. .60 - .65
Glycerophosphate, fib., dms., 1,000-lb. lots..lb. 1.00 - —
smaller lots.....lb. 1.15 - —
ens., 25 lbs.....lb. 1.40 - —
Hypophosphite, cns.....lb. .62 - .67
Iodide, bots., jars.....lb. 3.65 - 3.90
Lactate, U.S.P..bbls., 200 lbs.lb. .22 - —
Levulinate, bots., less than 25 lbs., works..lb. 3.00 - —
Nitrate, bgs., to fert. mfrs., ex vessel, No. Atlantic ports, or f.o.b. cars, So. Atlantic ports ton.28.00 - —
Palmitate, bbls.....lb. .22 - .23
Phosphate, dibasic, precip., 38-42% P_2O_5, bgs., c.i.f. Atlantic ports, shipt..unit-ton. .78 - —
tribasic, c.l., bbls., works..lb. .06¾- —
l.c.l., bbls.....lb. .07¼- —
Resinate, precip., bbls., 1 ton.lb. .12 - —
smaller lots.....lb. .14 - —
Stearate, precip., bbls., ctns., c.l..lb. .19 - —
l.c.l., 1 ton.....lb. .20 - —
Sulphate (see Gypsum).
Sulphide, 75%, CaS, works, bulk, c.l., 25-mesh..ton.42.50 - —
bags, bulk, c.l., works.ton.45.00 - —
l.c.l., works .....ton.47.50 -50.00
75%, CaS, works, bulk, c.l., 50-mesh..ton.43.50 - —
bags, bulk, c.l., works..ton.46.00 - —
l.c.l., works .....ton.48.50 -51.00
80%, CaS, works, bulk, c.l., 25-mesh..ton.47.50 - —
bags, bulk, c.l., works..ton.50.00 - —
l.c.l., works .....ton.52.50 -55.00
80%, CaS, works, bulk, c.l., 50-mesh..ton.48.50 - —
bags, bulk, c.l., works..ton.51.00 - —
l.c.l., works .....ton.53.50 -56.00
luminous, dom., tins, works, 100 lbs. .85 - —
Sulphocarbolate,bbls.,200 lbs.lb. .42 - —
kgs., 100 lbs.....lb. .50 - —
Calendula flowers, bls.....lb. .30 - .35
Calomel, bbls., fib., dms., kgs., 50 lbs., or more..lb. 1.28 - —
Camphor, natural, powd., cs...lb. .52 - .53½
slabs, cs.....lb. .52 - .53½
tablets, tins .....lb. .57 - .57½
synthetic, dom., imp., gran., powd., bbls., 2,000-lb. lots lb. .46 - —
1,000-lb. lots.....lb. .47 - —
500-lb. lots.....lb. .48 - —
100-lb. lots.....lb. .49 - —
Monobromate, bxs., kgs.....lb. 1.75 - 1.80
Canada balsam (see Fir balsam).
Canary seed, Argentina, bgs..lb. .0400- .0435
Morocco, bgs.....lb. .0430- .0460
Turkish, bgs.....lb. .04¼ .04¾
Canella alba bark, bls..... lb. .30 - .31
Cantharides, Chinese, cs.....lb. .70 - .75
powd. bxs.....lb. .85 - .90
Russian, cs. .....lb. .90 - .95
powd., bxs. .....lb. 1.10 - 1.15
Capsicum (see Pepper, red).
Caraway seed, Dutch, bgs....lb. .09 - .09½
Carbasole, 95%, dms., ton lots, works..lb. .70 - —
smaller quantities, works..lb. .80 - —
98%, dms., ton lots, works..lb. .73 - —
smaller quantities, works..lb. .85 - —
Carbinol, butyl, norm., dms., works..lb. .60 - —
small lots, works.....lb. .75 - —
secondary, dms., works...lb. .60 - —
small lots, works.....lb. .75 - —
Diethyl, dms., works.....lb. .60 - —
small lots, works.....lb. .75 - —
Isobutyl, 126-132°, dms., c.l., works..lb. .53 - —
l.c.l., works.....lb. .54 - —
tanks, works.....lb. .53 - —
Methylpropyl, dms., works..lb. .60 - —
small lots, works.....lb. .75 - —
Dimethylethyl, dms., works..lb. .60 - —
small lots, works.....lb. .75 - —
Carbon bisulphide, 55-gal. dms., c.l., frt. all'd. E. of Miss. R., N. of Ohio R..lb. .05 - —
l.c.l., same basis.....lb. .05¾- —
5-gal. dms., c.l., same basis, lb. .07 - .07½
l.c.l., same basis.....lb. .08 - .08½
tanks, same basis.....lb. .04½- —

Black—Chlor. Rubber

Carbon dioxide, cyls.....lb. .06 - .08
Tetrachloride, 55-gal. or 110-gal. dms., c.l. (20 tons), frt. alld. E. of Miss. R., N. of Ohio R., and incl. Ia., Ky., Minn., Mo., N. C., Tenn., Va....lb. .05 - —
l.c.l., same basis.....lb. .05½- —
10-gal. dms., c.l. (20 tons), same basis..lb. .06¾- .07½
l.c.l., same basis.....lb. .07¾- .08½
5-gal. dms., c.l. (20 tons), same basis..lb. .06¾- .07½
l.c.l., same basis.....lb. .07¾- .08½
tanks, same basis.....lb. .04¾- —
Fire extinguisher liquid, 1½c. lb. higher.

Carbon tetrachloride prices are ½c. per lb. higher frt. alld. in S.E. and Central States; 1c. per lb. higher frt. alld. in Rocky Mts. and S. W. States; prices in Pacific Coast States are 1½c. per lb. higher, f.o.b. Coast shipping points.

Cardamom, bleached, cs.....lb. 1.00 - 1.50
decorticated, cs.....lb. .80 - .82
green, bgs.....lb. .51 - .52
Carvol, bots. .....lb. 4.00 - 4.25
Cascara sagrada bark, bulk....lb. .11 - .12
Case-hardening mixture, 30%, lump, dms., l.c.l..lb. .09 - —
Casein, dom., 20-30 mesh, bgs., c.l., dlvd..lb. .08 - .08½
5 tons, works.....lb. .10 - —
smaller lots, works.....lb. .11 - —
80-100 mesh, bgs., c.l., dlvd., lb. .08½- .09
5 tons, works.....lb. .10½- —
smaller lots, works.....lb. .11½- —
import, Argent., 20-30 mesh, bgs., c.l., duty paid.lb. .09½- —
80-100 mesh, bgs., c.l., duty paid..lb. .10 - —
French, 20 mesh, bgs., c.l., duty pd..lb. .17 Nom.
Cassia, Batavia, 1, bgs.....lb. .15¾- .16
broken, bls.....lb. .09¼- .09¼
shortstick, bls.....lb. .12½- .12¾
China, rolls, select, bls.....lb. .09¼- .09¼
broken, extra, bls.....lb. .08¾- .09
Saigon, bls.....lb. .15 - .16
Cassia, buds, cs.....lb. .17 - .18
Cassia fistula, bskts.....lb. .08 - .09
Castile soap, white, bars., cs., 40 lbs.11.75 -12.50
powd., bbls. .....lb. .23 - .35
Castoreum, nat., cns.....lb.15.00 -18.00
synth., bots. .....lb.19.00 - —
Castor oil (see Oil, castor).
Pomace, dom., 5% ammon., bgs., c.l., works..ton.18.50 - —
import, bgs., c.i.f., ports, shipment..ton.20.50 - —
Catnep leaves, bls. .....lb. .17 - .18
Celery seed, French, bgs.....lb. .13½- .14
Indian, bgs.....lb. .11½- .12
Celluloid scrap (see Pyroxylin scrap).
Cellulose acetate, flake, gran., cs., frt. alld..lb. .40 - —
Acetobutyrate, 501 lbs. and over, works..lb. .53 - —
101 lbs., works.....lb. .58 - —
smaller lots, works.....lb. .65 - —
Acetopropionate, 500 lbs. and over, works..lb. .57 - —
100-499 lbs., works.....lb. .58 - —
1-99 lbs., works.....lb. .60 - —
Triacetate, 50,000 to 99,999 lbs. lb. .50 - —
30,000 to 49,999 lbs.....lb. .55 - —
10,000 to 19,999 lbs.....lb. .60 - —
2,000 to 9,999 lbs.....lb. .65 - —
Cerium hydrate, dms., works..lb. .60 - —
Oxalate, USP, bbls., works..lb. .35 - —
kgs., wurks .....lb. .37 - —
Chalk, precip., extra light, light, heavy, bgs., 50 lbs., c.l., f.o.b., works..lb. .03¾- —
cks., 250 lbs., c.l., f.o.b., works..lb. .03½- —
Chamomile flowers, Hungarian, genuine, cs...lb. .20 - .25
Roman, bls.....lb. .30 - .33
Charcoal, softwood, powd., bgs., c.l., dlvd., Ala., Del., Ga., Ky., Md., Miss., N. J., N. Y., N. C., S. C., Tenn., Va., W. Va...ton.30.40 - —
Colo. .....ton.27.00 - —
Conn., Me., Mass., N. H., R. I., Vt....ton.30.80 - —
Ill. (except river point), Minn., Neb., Wis..ton.25.00 - —
Indiana .....ton.26.00 - —
Ill. (river points), Ia., Mo., Okla., Tex. (except El Paso)..ton.23.00 - —
Kansas, El Paso, Tex., ton.24.00 - —
Michigan .....ton.27.80 - —
Ohio, Penn. .....ton.29.60 - —
Utah .....ton.34.00 - —
Willow, powd., bbls. .....lb. .06 - .07
Chestnut extract, clarif., 20% tan., bbls., c.l. wks..lb. .02 - —
l.c.l., bbls., wks.....lb. .03½- —
tanks, wks.....lb. .01¾- —
Chillies (see Pepper, red).
China clay, dom., dry-grd., air-float, 99.75%, 200 mesh, bgs., c.l., works..ton. 9.50 - —
l.c.l., works.....ton.10.00 -16.00
bulk, c.l., works...ton. 7.60 - —
200 mesh, bgs., c.l., works..ton. 8.50 -
l.c.l., works.....ton. 9.50 -15.50
wet-grd., silk-bolt, 99.9%, 325 mesh, bulk, c.l., works. ton. 9.50 - —
paper bgs., c.l., works, ton.12.50 -
import, white, lump, bulk, c.l., ex dock, Balto, Boston, Norfolk, Phila...ton.22.00 -25.00
powd., csks., l.c.l., ex dock ton.35.00 -
ex whse. .....ton.37.50 - —
Chloral hydrate, bots., 1,000 lbs lb. .85 - .92
500 lbs.....lb. .86 - .95
100 lbs.....lb. .88 - .97
25 lbs.....lb. .90 - .99
1-10 lbs.....lb. .95 - 1.02
dms., 1,000 lbs.....lb. .80 - —
500 lbs.....lb. .82 - —
100 lbs.....lb. .85 - —
Chlorinated rubber, bgs., c.l. (30,000 lbs. min.) works.....lb. .35 - —
2,000 lbs., works.....lb. .37 - —

Chlorine—Diamylphenol

Chlorine, liq., cyls., c.l., divd., N. Y.	lb.	.05½-	—
contracts, divd., N.Y.	lb.	.05½-	—
l.c.l., divd., N.Y.	lb.	.07½-	—
tanks, single unit, works, frt. equaled	100 lbs.	2.15	—
tanks, multiple unit, 3 or over, wks., frt. equald.	100 lbs.	2.30	—
2, works, frt. equaled	100 lbs.	2.55	—
1, works, frt. equald.	100 lbs.	3.00	—
Chloracetophenone, tins, works.	lb.	3.00	- 3.50
Chloroform, tech., 650-lb. dms.	lb.	.20	—
100-lb. dms.	lb.	.22	—
50-lb. dms	lb.	.23	—
USP, 650-lb. dms.	lb.	.30	—
100-lb. dms.	lb.	.32	—
50-lb. dms.	lb.	.33	—
Chloropicrin, coml, 100-lb. cyls., works.	lb.	.85	—
5-lb. cyls., same basis.	lb.	1.15	—
Chrome acetate, powd., 17.5% cr., bbls., works.	lb.	.13	—
smaller pkgs., works.	lb.	.17	—
solut., 8% cr. bbls.	lb.	.06	- .08
Chrome, cake, bulk, c.l., works.	ton.	15.00	-16.00
Chrome green (see Green, chrome).			
Oxide (see Green, chrome oxide).			
Sulphate, pearls, dms. 100 lbs.	lb.	.40	—
powd., dms., 100 lbs.	lb.	.45	—
scales, dms., 100 lbs.	lb.	.45	—
Trioxide (see Acid, chromic).			
Yellow (see Yellow, chrome).			
Chrysarobin, cns.	lb.	3.25	- 3.30
Cinchona bark, chips, bgs.	lb.	.18	- .19
high test, bgs.	lb.	.37	- .38
quills, broken, bgs.	lb.	.17	- .18
long, cs.	lb.	.45	- .50
short, bgs.	lb.	.40	- .45
Ecuador, tubes	lb.	.18	- .20
Cinchonidine, crys., small cns., 100 ozs.	oz.	.83	—
large, cns. 100 ozs.	oz.	.87	—
powd., cns. 100 ozs.	oz.	.80	—
Sulphate, N.F., cns. 100 ozs.	oz.	.47	—
Cinchonine, crys., small, cns., 100 ozs.	oz.	.54	—
large, cns. 100 ozs.	oz.	.58	—
powd., cns. 100 ozs.	oz.	.50	—
Sulphate, N.F., cns. 100 ozs.	oz.	.34	—
Cinchophen, USP, boxes, 5 lbs.,	lb.	3.75	—
bots., 1 lb.	lb.	3.27	—
dms., 100 lbs.	lb.	3.00	—
Cinnamic alcohol (see Alcohol cinnamic).			
Aldehyde, f.c.c., cbys.	lb.	.85	- .90
Cinnamon, Ceylon, 2 bls.	lb.	.15	- .15½
3, bls.	lb.	.14½-	.15
Citral, bots., cns.	lb.	1.40	- 3.10
Citrine ointment jars, tubes.	lb.	.75	—
Citronellal, bots., dms.	lb.	.75	- .80
Citronellol, bots., dms.	lb.	1.60	- 1.65
Clove, Madagascar, bls.	lb.	.15½-	.15¾
Zanzibar, bls.	lb.	.17¾-	.18
Clover tops, bgs.	lb.	.12	- .13
Coaltar, coal-gas, crude, bbls., c.l., works.	bbl.	7.50	- 7.75
l.c.l., works.	bbl.	8.25	- 8.50
tanks, works	gal.	.07½-	.09
Coaltar, refd., bbls., c.l., works.	bbl.	8.00-	8.25
l.c.l., works.	bbl.	8.75	- 9.00
tanks, works.	gal.	.08½-	.10
water-gas, crude, dms., c.l., works.	dm.	7.50	—
l.c.l., works.	dm.	8.25	—
refd., dms., c.l., works.	dm.	8.00	—
l.c.l., works.	dm.	8.75	—
Cobalt acetate, bbls., kgs., divd.	lb.	.65	- .67
Carbonate, tech., bbls., divd.	lb.	1.68	—
Chloride, dms., works.	lb.	1.03	- 1.18
Hydrate, bbls.	lb.	1.78	—
Linoleate, paste, 6%, dms.	lb.	.31	—
solid, 8½%, bbls.	lb.	.33	—
Oleate, bbls.	lb.	.25	Nom.
Oxide, black, kgs.	lb.	1.67	—
Resinate, fused, A, bbls.	lb.	.13½-	—
1%, bbls.	lb.	.13	—
2%, bbls.	lb.	.14	—
3½%, bbls.	lb.	.17½-	—
precip., dms., divd.	lb.	.34	—
Sulphate, dms.	lb.	.59	—
Cocaine hydrochloride, 100 ozs., cns.	oz.	9.75	—
Cochineal, gray, bgs.	lb.	.35	- .38
Teneriffe, silver, bgs.	lb.	.36	- .39
Cocillana bark, bgs.	lb.	.15	- .16
Cocoa butter, lump, bgs., c.l.	lb.	.11¾-	.12
Codeine, cns., 100 ozs.	oz.	11.70	—
Hydrochloride, cns., 100 ozs.	oz.	10.50	—
Phosphate, cns., 100 ozs.	oz.	9.00	—
Sulphate, cns., 100 ozs.	oz.	9.50	—
Codliver oil (see Oil, codliver).			
Cohosh, black, root, bls.	lb.	.08	- .09
Blue, root, bls.	lb.	.07	- .07½
Colchicine, bots., 4 ozs.	oz.	20.00	—
single ozs.	oz.	21.00	—
Colchicum seed, bgs.	lb.	.25	- .27
Collodion, USP, dms., 325 lbs.	lb.	.12½-	—
cns., 25 lbs.	lb.	.16	—
Flexible, USP, dms., 325 lbs.	lb.	.14½-	—
cns., 25 lbs.	lb.	.18	—
Colocynth pulp, bls.	lb.	.25	- .29
Colombo root, bls.	lb.	.09	- .10
Coltsfoot leaves, bgs.	lb.	.08	- .09
Condurango bark, bgs.	lb.	.08	- .09
Conium leaves, bls.	lb.	.17	- .18
Copaiba balsam, Para, cns.	lb.	.22½-	.23
S.A., USP, cns.	lb.	.23½-	.24
Copper acetate, normal, bbls., divd.	lb.	.21	—
smaller containers, divd.	lb.	.23	—
Carbonate, 52-54 pc., bbls.	lb.	.14½-	.15½
20%, bbls.	lb.	.10½-	.11½
Chloride, cryst., bbls.	lb.	.13	- .14
Cyanide, tech., bbls.	lb.	.34	—
Iodide, bots.	lb.	4.97	- 5.02
Metal, electrolytic	lb.	11¼-	—
Nitrate, cryst., bbls.	lb.	16.60	-17.40
Oleate, precip., bbls.	lb.	.20	—
Oxide, black, bbls., tons, works.	lb.	.16¾-	.17¾
red, com'l, 50-75%, kgs., f.o.b. N. Y.	lb.	.16¾-	.17¾
Resinate, precip., bbls.	lb.	.15	- .16
Stearate, precip., bbls.	lb.	.23	- .24
Sulphate (see Blue vitriol).			
Copperas, cryst., gran., bgs., c.l., works.	ton.	17.00	—
bbls., c.l., works.	ton.	19.00	—
bbls., l.c.l., 25 or over, works.	100 lbs.	1.45	—
5-24, works.	100 lbs.	1.55	—
1-4, works.	100 lbs.	2.00	—
bulk, c.l., works.	ton.	14.00	—
Copra, Coast, shipt.	lb.	.0175	Nom.
Coriander seed, Morocco, bgs.	lb.	.0430-	.0460
bleached, bgs.	lb.	.07¾-	.08
Corn sugar, tanners, bbls., c.l., divd.	100 lbs.	3.05	—
ex whse.	100 lbs.	3.15	—
Syrup, 42°, bbls., c.l.	100 lbs.	2.99	—
43° bbls., c.l.	100 lbs.	3.04	—
Cornsilk, bls.	lb.	.06	- .07
Corrosive sublimate, cryst., dms., 50 lbs., or more	lb.	1.13	—
gran., powd., dms., 50 lbs. or more	lb.	.99	—
Cottonroot bark, bls.	lb.	.11	- .12
Cottonseed hull ash, 30-32% pot-ash, bgs., divd.	unit-ton.	1.10	—
Coumarin, 5 lbs., or more, 25-lb. cns.	lb.	2.75	- 3.00
5-lb. cns.	lb.	2.85	- 3.10
1-lb. cns.	lb.	3.00	- 3.25
1-oz. cns.	lb.	3.35	- 3.60
less than 5 lbs., cns.	lb.	4.15	- 4.65
Cramp, bark, genuine, bls.	lb.	.20	- .22
so-called, bls.	lb.	.07	- .08
Cranesbill root, bls.	lb.	.14	- .15
Cream tartar, gran. or powd., bbls., 5,000 lbs., one shipm't,	lb.	.22¾-	—
smaller lots, bbls.	lb.	.23¼-	—
kgs.	lb.	.23¾-	—
Creosote, beechwood, bots.	lb.	.70	- .75
Hardwood, USP, bots.	lb.	.45	- .47
Pine, dms.	gal.	.28	—
Carbonate, bots., cbys.	lb.	1.40	- 1.75
Oil, crude, tanks, works.	gal.	.13½-	.14⅛
Coaltar solution, tanks, works.	gal.	.122	- .132
refd., bbls., l.c.l., works,	gal.	.25	—
tanks, works.	gal.	.18	- .18½
Cresol, USP, dms., c.l., works.	lb.	.10½-	—
l.c.l., same basis.	lb.	.11	—
special resin grade, dms., c.l., works.	lb.	.09½-	—
l.c.l., same basis.	lb.	.09¾-	—
Crotonaldehyde, 97%, 55 and 110 gal. dms., divd.	lb.	.22	—
5 and 10 gal. dms., divd.	lb.	.25	—
Cube root, powd., 5% rotenone, bbls., f.o.b. N.Y.C., frt. equaled, with shipments from Newark and Balto. Prices for Pacific Coast are plus frt., 10,000 lbs. or more.	lb.	.26	- .28
2,000 lbs. to 10,000 lbs.	lb.	.26	- .27
1,000 lbs. to 2,000 lbs.	lb.	.27	- .28
200 lbs. to 1,000 lbs.	lb.	.29	- .30

4% rotenone prices are 4c. per lb. less.

Cube root, powd., contracts accepted for delivery only up to September 30, 1939. No protection against decline in price. Part deliveries against contract are billed at price for smaller quantities, subject to adjustment when contract quantity is reached.

Cubeb berries, XX, bgs.	lb.	.27	- .28
powd., cs.	lb.	.30	- .31
Culver's root, bls.	lb.	.16	- .17
Cumin seed, Algerian, bgs.	lb.	.08½-	.09
Morocco, bgs.	lb.	No stocks.	
Cutch, Philippine, extract, solid bags.	lb.	.04¼-	.04½
Cyanamid, 21-22% N., pulv., bgs., divd., contrs., NH_3 unit.	lb.	1.15	—
Cyanide-chloride, mixture, 45%, gran., dms.	lb.	.10¾-	—
lump, dms.	lb.	.09¾-	—
75%, gran., dms.	lb.	.15	—

D

Damiana leaves, bls.	lb.	.14	- .15
Dandelion root, German, bls.	lb.	.13	- .14
Deertongue leaves, bls.	lb.	.10	- .11
Degras, common, dom., bbls.	lb.	.07¾-	.08½
English, bbls.	lb.	.07¾-	.08¼
neutral, dom., bbls.	lb.	.11	- .15
English, bbls.	lb.	.11	- .15
Derris root, powd., 5% rotenone, bbls., f.o.b. N.Y.C., frt. equal'd., with shipments from Newark and Balto. Prices for Pacific Coast are plus frt., 10,000 lbs., or more.	lb.	.34	- .38
2,000 lbs., to 10,000 lbs.	lb.	.35	- .39
1,000 lbs. to 2,000 lbs.	lb.	.36	- .40
200 lbs. to 1,000 lbs.	lb.	.38	- .42

4% rotenone prices are 6c. per lb. less

Derris root, powd., contracts accepted for delivery only up to September 30, 1939. No protection against decline in price. Part deliveries against contract are billed at price for such smaller quantities, subject to adjustment when contract quantity is reached.

Derris, resinate, 75% rotenone, cns.	lb.	10.00	-11.00
50% rotenone, cns.	lb.	5.50	- 6.50
25% rotenone, bulk, cns.	lb.	3.60	- 6.00
15% rotenone, bulk, cns.	lb.	2.10	- 4.28
Devil's club, root bark	lb.	1.50	—
Dextrin, British gum, c.l., f.o.b. Chicago	100 lbs.	3.65	—
l.c.l., f.o.b. Chicago	100 lbs.	3.85	—
Corn, canary, bgs., c.l., f.o.b., Chicago	100 lbs.	3.40	—
l.c.l., f.o.b. Chicago	100 lbs.	3.60	—
white, bgs., c.l. f.o.b. Chicago	100 lbs.	3.35	—
l.c.l., f.o.b. Chicago	100 lbs.	3.55	—
Potato, import, bgs.	lb.	.07¼-	.08
Diacetone (see under Alcohol).			
Diamyl ether, dms., c.l., works.	lb.	.065	—
l.c.l., works.	lb.	.092	—
tanks, works.	lb.	.075	—
Oxalate, dms., l.c.l., works.	lb.	.30	—
Phthalate, dms., c.l., divd.	lb.	.19	—
l.c.l., divd.	lb.	.19½-	—
tanks, divd.	lb.	.18	—
Sulphide, dms., l.c.l., works.	lb.	1.10	—
Diamylamine, dms., c.l., works,	lb.	.47	—
l.c.l., works.	lb.	.50	—
Diamylene, dms., c.l., works.	lb.	.095	—
l.c.l., works.	lb.	.102	—
tanks, works.	lb.	.085	—
Diamylnaphthalene, dms., l.c.l., works.	lb.	.20	—
Diamylphenol (2, 4), dms., c.l., works.	lb.	.17	—
l.c.l.	lb.	.20	—

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SULPHURIC ACID : CAUSTIC SODA : TATARIC ACID
WHITING : SULPHUR : CARBON BISULPHIDE

Diatomaceous earth, dom., bgs., c.l., Pacific cst., works, ton. 22.00 -35.00
l.c.l., ex whse. ton. 45.00 -150.00
import, bgs., c.l., c.i.f. ton. 30.00 - —
Dibutylamine, dms., c.l., works, lb. .50 - —
l.c.l. lb. .52 - —
Dibutyl ether (see Ether, butyl).
Dibutyl phthalate, dms., c.l., divd. lb. .19 - —
l.c.l., divd. lb. .19½ - —
tanks, divd. lb. .18 - —
cns., works. lb. .23½ - .25½
Sebacate, dms., wks. lb. .45 - —
Tartrate, dom., dms. lb. .46 - .54
Dicalcium phosphate (see Calcium phosphate, dibasic).
Dichlorethyl ether, dms., c.l., works. lb. .15 - —
l.c.l., works lb. .16 - —
tanks, works lb. .14 - —
Dichloropentane, dms., c.l., works, lb. .0321- —
l.c.l. lb. .04 - —
tanks lb. .025 - —
Diethanolamine, dms., c.l., works. lb. .24 - —
l.c.l., works lb. .25 - —
tanks, works lb. .23 - —
Diethyl carbonate, coml., dms. lb. .25 - —
refd., 99%, dms. lb. .35 - —
Carbinol (see Carbinol).
Phthalate, dms., c.l., frt. alld. lb. .19 - —
l.c.l. lb. .19½ - —
tanks lb. .18 - —
Sulphate, dms., c.l., works. lb. .13 - —
l.c.l., works lb. .14 - —
tanks lb. .12 - —
Diethylaniliin, dms. lb. .40 - —
Diethyleneglycol, dms., c.l., works, lb. .16 - —
l.c.l., works lb. .17 - —
Monobutylether, dms., works. lb. .23 - .24
Diethylene glycol monoethylether, dms., c.l., works. lb. .15 - —
l.c.l., works lb. .16 - —
tanks, works lb. .14 - —
Digitalis leaves, dms. lb. .38 - .39
Diglycol laurate. lb. .23 - —
Diglycol oleate, light, bbls. lb. .21 - —
Diglycol stearate. lb. .25 - —
Di-isobutyl ketone, dms., works, lb. .19 - —
Dilseed, recleaned, bgs. lb. .09 - .09½
Dimethyl phthalate, dms., c.l., divd. lb. .18½- —
l.c.l., divd. lb. .19 - —
tanks, divd. lb. .17½- —
Dimethylamine, dms., c.l., divd. lb. 1.00 - —
l.c.l., divd. lb. 1.05 - —
Dimethylaniliin, dms., c.l. lb. .26 - —
l.c.l., dms. lb. .27 - —
Dimethylethyl carbinol (see Carbonol).
Dinitrobenzene, bbls, 99° min., lb. .18 - —
Dinitrochlorobenzene, bbls. lb. .14 - —
Dinitronaphthalene, kgs. lb. .35 - .38
Dinitrophenol, bbls. lb. .22 - —
Dinitrotoluene, dms. lb. .15½- —
oily, dms. lb. .09 - —
Diorthotoluoiguanidine, dms., 2,000 lbs. or over, divd. lb. .44 - —
600-1,950 lbs., divd. lb. .46 - —
150-450 lbs., divd. lb. .47 - —
Dioxan, dms., c.l., frt. alld. lb. .20 - —
l.c.l., same basis lb. .21 - —
tanks, same basis lb. .19 - —
Dip oil (see Tar acid oil).
Dipentene, dms. gal. .47 - .50
tanks gal. .41 - —
Diphenyl, bbls., c.l., works. lb. .15 - —
l.c.l., works lb. .20 - .25
Oxide, perfume grade, cns. lb. .50 - .55
Diphenylamine, bbls. lb. .31 Nom.
Diphenylguanidin, dms., 2,000 lbs. or over, divd. lb. .35 - —
600-1,950 lbs., divd. lb. .36 - —
150-450 lbs., divd. lb. .37 - —
Diphenylmethane, bots. lb. 1.40 - 3.00
Disodium phosphate (see Soda phosphate, dibasic).
Divi-divi extract, bbls. lb. .05¾- .06¾
Dograss root, cut, bls. lb. .11 - .12
Dogwood, bark, Jamaica, bls., lb. .06 - .07
Dover's powder, USP, cns. lb. 2.75 - 2.80
Dragon's blood, mass, cs. lb. .65 - .85
reeds, thin, cs. lb. .80 - .85
Duboisine sulphate, vls. oz. 34.50 -35.00
Dyes, coaltar, for coloring foods (certified colors) (numbers are those of Colour Index scale):—
Blue:—
Brilliant blue FCF, cans. lb. 3.50- —
1180 Sodium indigo disulphonate, cns. lb. 3.50- —
Green:—
Fastgreen FCF, cns. lb. 27.50- —
666 Guinea green B., cns. lb. 3.50- —
670 Light green SF, yellowish. cns. lb. 17.50- —
Red:—
184 Amaranth, cns. lb. 3.15- —
773 Erythrosin, cns. lb. 17.50- —
80 Ponceau 3R, cns. lb. 6.00- —
Ponceau 5X, cns. lb. 5.75- —
Orange:—
150 Orange I, cns. lb. 2.90- —
Yellow:—
10 Naphthol yellow S, cns. lb. 3.50- —
Sunset yellow FCF, cns. lb. 3.15- —
640 Tartrazin, cns. lb. 3.15- —
22 Yellow AB, cns. lb. 2.65- —
61 Yellow OB, cns. lb. 2.65- —
Dyes, coaltar, for general uses (numbers are those of Colour Index scale):—
36 Chrome yellow 2G. lb. .65 - .70
40 Chrome yellow R. lb. .50 - 1.00
53 Victoria violet. lb. .80 - 1.00
165 Lake red C. lb. 1.00 - —
176 Fast red A. lb. .60 - .75
180 Fast red VR. lb. 1.50 - 1.65
189 Lake red R, paste. lb. .85 - .90
189 Lake red R, powdered. lb. 8.00 - 8.10
202 Chrome blue black U. lb. .32 - .40
204 Chrome black A. lb. 1.75 - 2.00
208 Fast red blue R. lb. .75 - 2.00
216 Chrome red B. lb. 1.75 - 2.00
262 Cloth red 2B. lb. .60 - .80
289 Fast cyanin 5R. lb. .90 - 1.00
299 Chrome black F. lb. .60 - .65
307 Fast cyanin black B. lb. .80 - .85
326 Direct cast scarlet. lb. 2.00 - 2.25
304 Paper yellow. lb. .83 - .90
345 Chrysophenin G. lb. .58 - .70
394 Direct violet N. lb. 1.25 - 1.30
382 Direct scarlet B. lb. 1.50 - 1.75
387 Direct violet B. lb. 1.00 - 1.30
401 Developed black BHN. lb. .50 - .75
406 Direct blue 2B. lb. .25 - .30
415 Direct orange R. lb. .60 - .70
419 Direct fast red F. lb. .75 - .85
420 Direct brown M. lb. 1.00 - 1.10
448 Benzo purpurin 4B. lb. .40 - .42½
495 Benzo purpurin 10B. lb. .40 - .50
502 Direct azurin G. lb. .75 - .80
512 Direct blue RD. lb. .80 - 1.00
518 Direct pure blue 6B. lb. 1.10 - 1.25
520 Direct pure blue. lb. .50 - 1.00
529 Direct fast, black, FF. lb. .55 - 1.00
581 Direct black EW. lb. .25 - .50
582 Direct black RX. lb. .35 - .45
588 Direct green B. lb. .75 - .80
594 Direct green G. lb. 1.00 - 1.05
596 Direct brown 3GO. lb. .35 - 1.00
Dyes, coaltar, for general uses (numbers are those of Colour Index scale):—
620 Direct yellow R. lb. 1.25 - 1.50
688 Acid violet. lb. 1.00 - 3.00
812 Primulin lb. .50 - .52
814 Direct fast yellow. lb. 2.00 - 2.25
845 Nigrosin(water soluble). lb. .35 - .50
1177 Indigo, 20 p. c. paste. lb. .15 - .18
Benzo fast black L. lb. .90 - 1.00
Sulphur black. lb. .20 - .25
Sulphur blue. lb. .40 - 1.00
Sulphur brown. lb. .25 - .50
Sulphur maroon. lb. .40 - —
Sulphur olive. lb. .25 - .54
Sulphur tan. lb. .30 - .50
Sulphur yellow. lb. .30 - .50
Zambesi black. lb. .75 - .80
Dyes, coaltar, for stains (numbers are those of Colour Index scale)
Oil-soluble (prices in barrels of 100 lbs.; lots of 25 pounds to a barrel are 3c. per lb. higher; f.o.b. sellers' works or warehouse)
Black:—
865 Nigrosin derivatives. lb. .42 - —
Blue:—
1075 Alizarin astrol base. lb. 15.00 - —
1078 Alizarin cyanin green base. lb. 6.00 - —
729 Victoria blue. lb. .75 - —
Browns:—
Brown lb. 1.15 - —
Green:—
1078 Alizarin cyanin green. lb. 5.00 - —
.... Green. lb. .75 - —
Orange:—
24 Sudan I. lb. .70 - —
.... Orange, red shade. lb. .75 - —
Red:—
26 Sudan II. lb. 1.05 - —
258 Sudan IV. lb. .95 - —
749 Rhodamine B (oil pink) lb. 2.50 - —
1080 Anthroquinone violet base. lb. 6.00 - —
680 Oil violet. lb. .50 - —
Yellow:—
15 Amidoazobenezene yellow. lb. .90 - —
17 Amidoazotoluene yellow. lb. .75 - —
61 Yellow OB. lb. 1.40 - —
Spirit-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or warehouse).
Black:—
544 Nigrosin. lb. .40 - —
Blue:—
729 Victoria blue. lb. 2.55 - —
860 Indulin. lb. .70 - —
Brown:—
331 Bismarck brown. lb. 1.50 - —
Green:—
637 Malachite green base. lb. 2.00 - —
Orange:—
20 Chrysoidin G. lb. .95 - —
21 Chrysoidin R. lb. .95 - —
Red:—
677 Fuchsin, magenta base. lb. 7.25 - —
749 Rhodamine B. lb. 4.75 - —
Yellow:—
67 Amidoazotoluene yellow. lb. .75 - —
655 Auramine lb. 2.00 - —
800 Chinolin yellow SS. lb. 2.00 - —
Violet:—
680 Methyl violet lb. .70 - —
Water-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or warehouse).
Black:—
246 Naphthol blue black S. lb. .50 - —
865 Nigrosin lb. .36 - —
873 Methylene gray. lb. 1.50 - —
Blue:—
714 Patent blue A. lb. 1.45 - —
729 Victoria blue B. lb. 2.00 - —
861 Indulin lb. .87 - —
909 New blue R. lb. 1.30 - —
922 Methylene blue. lb. 1.00 - —
1054 Alizarin saphirol B. lb. 1.90 - —
1180 Indigotin IA. lb. .85 - —
Brown:—
234 Resorcin brown Y. lb. .95 - —
235 Resorcin dark brown R lb. .66 - —
231 Bismarck brown G. lb. .52 - —
332 Bismarck brown R. lb. .27 - —
793 Phosphin lb. 4.65 - —
Green:—
5 Naphthol green B. lb. 1.00 - —
657 Malachite green. lb. 1.35 - —
662 Brilliant green. lb. 2.00 - —
666 Guinea green B. lb. 1.15 - —
737 Wool green S. lb. .58 - —
924 Methylene green B. lb. 1.55 - —
1078 Alizarin cyanin green. lb. 2.35 - —
Orange:—
10 Chrysoidin G. lb. .40 - —
21 Chrysoidin R. lb. .37 - —
27 Orange G. lb. .50 - —
151 Orange Y. lb. .30 - —
161 Orange R. lb. .34 - —
Water-soluble:—
Red:—
31 Amidonaphthol red G. lb. .42 - —
87 Amidonaphthol red 6B. lb. .68 - —
79 Popceau R. lb. .48 - —
88 Fast red B. lb. 1.05 - —
176 Fast red A. lb. .54 - —
179 Asorubin lb. .52 - —
183 Crocein scarlet 3BX. lb. .60 - —
185 Cochineal red A. lb. .60 - —
Water-soluble:—
Red:—
352 Brilliant croceïn 3B. lb. .68 - —
677 Fuchsin lb. 2.10 - —
749 Rhodamine B. lb. 3.50 - —
752 Rhodamine 6G. lb. 4.50 - —
768 Eosin G. lb. 1.50 - —
841 Safranin lb. 1.45 - —
Water-soluble:—
Violet:—
680 Methyl violet B. lb. .75 - —
681 Crystal violet C. lb. 1.75 - —
695 Acid violet 4BN. lb. .88 - —
Yellow:—
10 Naphthol yellow S. lb. .88 - —
138 Metanil yellow. lb. .53 - —
636 Fast light yellow. lb. 1.25 - —
639 Xylene light yellow. lb. 1.15 - —
640 Tartrazin lb. .80 - —
655 Auramine lb. 1.27 - —
Dyes, natural (see name of article).

E

Echinacea root, bls. lb. .20 - .21
Egg albumen (see Albumen).
yolk, bbls. lb. .67 - .69
Elder flowers, bright, bls. lb. .21 - .23
Elecampane root, bls. lb. .10 - .11
Elm bark, grinding, bls. lb. .10 - .11
powd., bbls., bxs. lb. .20 - .21
select, bndls. lb. .25 - .26
Emetine hydrochloride, bots. oz. 13.50 -14.00
Ephedra, bls. lb. .11 - .12
Ephedrine, tins, 1,000 ozs. oz. 2.15 - —
tins, 100 ozs. oz. 2.25 - —
Hydrochloride, tins, 1,000 ozs oz. 1.50 - —
tins, 100 ozs. oz. 1.60 - —
Sulphate, cryst., 1,000 ozs. oz. 1.50 - —
tins, 10 ozs. oz. 1.60 - —
Epsom salt, tech., bgs. 100 lbs. 1.80 - —
bbls. 100 lbs. 1.90
USP, cryst., dom., bgs., c.l., 100 lbs. 2.00 -
l.c.l., 5,000 lbs., 1 withdrawal. lb. 2.25 -
smaller lots. lb. 2.50 - —
bbls., c.l. lb. 2.10 - —
l.c.l., 5,000 lbs., 1 withdrawal. lb. 2.35 - —
smaller lots. lb. 2.60 - —
kgs., c.l. lb. 2.35 - —
l.c.l., 5,000 lbs., 1 withdrawal. lb. 2.60 - —
smaller lots. lb. 2.85 - —
dried, dom., bgs., l.c.l. lb. .08 - .10
Ergot, USP, cs., dms. lb. 1.35 - 1.40
Eserine, bots. oz. 42.00 - —
Salicylate, bots. oz. 33.00 -34.00
Sulphate, bots. oz. 30.00 - —
Ether, acetic (see Ethyl acetate)
Butyl, dms., l.c.l., divd. lb. .25 - —
cns. lb. .29 - .31
Ethyl (see Ether, sulphuric).
Nitrous, conc., bots., 100 lbs., lb. .08 - —
Sulphuric, conc., dms., 120 lbs., lb. .09 - —
cns., 27 lbs. lb. .14 - —
synth., dms., c.l., works. lb. .08 - —
l.c.l., works. lb. .09 - —
USP, anesthesia, dms., 27 lbs. lb. .26 - —
USP, 1880, dms. lb. .30 - .40
washed, dms. lb. .37 - .38
Ethyl acetate, 85 p.c., dms., c.l., frt. alld. lb. .06½- —
l.c.l., frt. alld. lb. .07 - —
tanks, frt. alld. lb. .06½- —
99%, dms., c.l., frt. all. lb. .07¼- —
l.c.l., frt. alld. lb. .07¾- —
tanks, frt. alld. lb. .06¼- —
N. F., VI, 90%, dms., 400 lbs. lb. .06½- —
cns., 35 lbs. lb. .13½- —
Acetate, USP, VIII, 90%, dms., 400 lbs. lb. .07¼- —
cns., 35 lbs. lb. .12½- —
Acetoacetate, dms., c.l., works, lb. .27½- —
l.c.l., dms., works. lb. .28 - —
Bromide, tech., dms. lb. .50 - .55
Caproate, cns. lb. 1.00 - —
Chloride, dms. lb. .18 - .20
Cinnamate, cns. lb. 3.20 - 4.00
Crotonate, 55 and 110 gal. dms., divd. lb. .33 - —
5 and 10 gal. dms., divd. lb. .26 - —
Formate, cns., dms. lb. .23 - .24
Iodide, bots. lb. 5.01 - —
Lactate, 55-gal. dms., works. lb. .33½- —
5-gal. dms., works. lb. .37½- —
Oxalate, dms., frt. alld. lb. .25 - —
Silicate, l.c.l., dms., works. lb. .77 - —
Ethylcellulose, bgs., 500 lbs. or more, frt. alld. lb. .48 - —
contracts, frt. alld. lb. .47 - —
100 lbs., frt. alld. lb. .50 - —
smaller lots, works. lb. .55 - —
Ethylene bromide, dms. lb. .65 - .70
Dichloride, dms., c.l., works, E. of Rockies, frt. alld. lb. .0345- .05½
West of Rockies, same basis. lb. .0395- .06
l.c.l., works, E. of Rockies, frt. alld. lb. .0644- .06½
West of Rockies, same basis. lb. .0694- .07
Ethyleneglycol, dms., c.l. lb. .16 - —
l.c.l. lb. .17 - .20
tanks lb. .15 - —
Monobutylether, dms., c.l., works. lb. .18 - —
l.c.l., works. lb. .19 - .22
tanks, works. lb. .17 - —
Monoethylether, dms., c.l., works. lb. .15 - —
l.c.l., works. lb. .16 - —
tanks, works. lb. .14 - —
Monoethylether, acetate, dms., c.l., works. lb. .13 - —
l.c.l., dms. lb. .14 - —
tanks, works. lb. .12 - —
Monomethylether, dms., c.l., works. lb. .17 - —
l.c.l., works. lb. .18 - —
tanks, works. lb. .16 - —
Ethylidinaniliin, dms. lb. .45 - .47½
Ethylorthoparatoluenesulphonamide, bbls. lb. .60 - —
Eucalyptol, cns., dms. lb. .55 - .57
Eucalyptus leaves, bls. lb. .06 - .09
bbls. lb. .05 - —
Ethylparatoluenesulphonamide, Eugenol, bgs., cns. lb. 1.70 - 2.15
Euphorbia, bls. lb. .05 - .06

F

Feldspar, enamel, 100 mesh, bulk, works. ton. 14.00 -17.50
glass, 20 mesh, bulk, works. ton. 9.75 -13.25
pottery, bulk, Me. works. ton. 17.00 -19.00
N.C. works. ton. 17.00 -19.00
Fennel seed, French type, bgs., lb. .06 - .06½
Indian, bags. lb. .07½- .07¾
German large, bgs. lb. .18 - .19
small, bgs. lb. .13 - .14
Fenugreek seed, bgs. lb. .03¾- .04½
Ferric sulphate, frt. alld. ton. 23.00 - —
anhyd., c.l., works. ton. 35.00 - —
l.c.l. ton. 40.00 - —
Film scrap, colors, dark, cs., 1,000 lbs., or over, works. lb. .11 - —
smaller lots, works. lb. .12 - —
light, cs., 1,000 lbs. or over, works. lb. .12 - —
smaller lots, works. lb. .13 - —
water white, cs., 1,000 lbs., or over, works. lb. .13 - —
smaller lots, works. lb. .14 - —
Fir balsam, Canada, cns. gal. 11.00 -11.50
Oregon, bbls. gal. 1.05 - 1.10
Fish berries, bgs. lb. .08 - .09
Fish scrap, menhaden, dried, 11-12% ammon., 15% bone phos., bulk, Chesapeake factories, contracts, futures. unit-ton. No prices.
grd., 11-12% ammon., 15% bone phos., bgs., f.o.b. Balto. ton. 50.00 - —
wet, acidulated, 6-7% ammon., 3-4% phosphor. acid, bulk, So. Atlantic factories, contracts. unit-ton. 2.50 & .50
sardine, meal, Japanese, 11¼% ammon., bgs., c.i.f. ports, shipt. ton. 45.00 - —
Flake, white, bbls., kgs. lb. .10¼- —
Fleaseed, French, black, bgs. lb. .14 - .14½
Indian, blonde, bgs. lb. .06¾- .07
Fluorspar, dom., No. 1 ground, bulk, 95-98%, f.o.b. mines, ton. 31.50 - —
Washed gravel, 85-5, f.o.b. Ill.-Ky. mines. ton. 19.00 -20.00
Fluorspar, No. 2, lump, 85.5 f.o.b. Ky. and Ill. mines. ton. 20.00 -21.00
Imported, 85% not over 6% duty paid. ton. 23.50 -24.00
Formaldehyde, bbls., c.l., works, lb. .05¾- —
l.c.l., works. lb. .06¼- —
tins., c.l., works. lb. .05¼- —
l.c.l., works. lb. .05¾- —
tanks, works. lb. .04½- —

Diatom. Earth—Graphite

Fringetree bark, bls. lb. .14 - .15
Fullers earth, dom., bgs., c.l., f.o.b. Fla., Ga., mines. ton. 10.00 - —
import, bgs., c.l., ex dock. ton. 23.00 - —
l.c.l., ex whse. ton. 30.00 - —
Furfural, refd., c.l., works, lb. .15 - —
l.c.l., works. lb. .17½- .25
tech., dms., contracts, 150,000 lbs. lb. .10 - —
c.l., works. lb. .12½- —
l.c.l., works. lb. .15 - .20
tanks, works. lb. .09 - —
Fusel oil, refd., dms., incl., divd., lb. .12½- .14
Fustic extract, cryst., bbls. lb. .22 - .26
liquid, bbls. lb. .06½- .13
solid, dms. lb. .17½- .19½

G

G salt, bbls. lb. .45 - —
Galangal root, bls. lb. .10 - .11
Gall extract, bbls. lb. .19 - .20
Gambier, common, cases. lb. .06¾ Nom.
plantation, cases. lb. .08½- .09
Cubes, Singapore, cases. lb. .06½- .09
Extract, bbls. lb. .06½- .09½
Gasoline at refinery:—
Bayonne, US motor, below 65 octane, tanks. gal. .06½- —
65 octane and above, tanks, gal. .06½- —
California, 54-58, tanks. gal. .06½- .06¾
Gulf Coast, U. S. Motor, bulk, gal. .04¾- .04¾
60-62, 350 e.p., bulk, export, gal. .04¾- .04¾
60-62, 400 e.p., bulk, export, gal. .04¾- .04¾
54-56, 375 e.p., bulk, export, gal. .04¾- —
Louisiana-Arkansas, US motor, 62 octane, tanks. gal. .04¼- .04½
63-66 octane, tanks. gal. .04½- .04¾
67-69 octane, tanks. gal. .04¾- .05
70-72 octane, tanks. gal. .05½- .05¾
Oklahoma-Texas, US motor, 62 octane and below, tanks. gal. .04¼- .04¼
third grade, tanks. gal. .04¼- .04¼
63-68 octane, tanks. gal. .04 - —
67-69 octane, tanks. gal. .04¾- —
70-72 octane, tanks. gal. .04¾- .05½
natural, 12-lb. v. p., tanks, gal. .03½- .03½
14-lb. v.p., tanks. gal. .03¾- —
18-lb. v.p., tanks. gal. .02¾- .02¾
22-lb. v.p., tanks. gal. .02¾- —
26-29 lb., v.p., tanks. gal. .03 - —
Pennsylvania, US motor, below 60 octane tanks. gal. .03 - —
65 octane, tanks. gal. .06½- —
52-56 450 e.p., naphtha, tanks. gal. .04¾- .05
Gelatin, silver, cs. lb. .45 - .50
Gelsemium root, bls. lb. .11 - .12
Gentian root, bls. lb. .07 - .07½
grd., bbls., bxs. lb. .09½- .10
powd., bbls., bxs. lb. .10½- .11
Geraniol, cns., dms. lb. .67 - 3.00
Geranyl acetate, bots., dms. lb. 1.20 - 2.50
Ginger root, African, bgs. lb. .06½- .07
Cochin, lemon, bgs. lb. .10¼- .10¾
Jamaica, bold, bgs. lb. .15 - .15½
grinding, bright, bgs. lb. .10¾- .11
medium, bold, bgs. lb. .11¾- .12
Japanese, bgs. lb. .08¾- .09
Ginseng fibers, cs. lb. 1.75 - 3.00
Root, cultivated, cs. lb. 10.00 -11.00
wild, Southern, cs. lb. 6.00 - 7.00
Glauber's salt, anhyd. (see Soda sulphate).
cryst., dom., bgs., bbls., c.l., works. 100 lbs. .95 - 1.10
5 tons or over, works... 100 lbs. 1.05 - 1.20
less than 5 tons, works.. 100 lbs. 1.15 - 1.35
import., bgs. 100 lbs. 1.05 - 1.25
Glue, bone, calcimine type, 24 millipoise, 36 jelly-grams, bgs., c.l., divd. lb. .11½- —
l.c.l., divd. lb. .12 - —
36/58, bgs., c.l., divd. lb. .11 - —
l.c.l., divd. lb. .11½- —
58/82, bgs., c.l., divd. lb. .12½- —
l.c.l., divd. lb. .13 - —
82/108, bgs., c.l., divd. lb. .13 - —
l.c.l., divd. lb. .13½- —
side, calcimine type, 58 millipoise, 135 jelly grams, bgs., c.l., divd., East, Middlewest. lb. .15 - —
l.c.l., same basis. lb. .15½- —
60/164, bgs., c.l., same basis. lb. .16½- —
l.c.l., same basis. lb. .17 - —
67/122, bgs, c.l., same basis. lb. .17½- —
l.c.l., same basis. lb. .18 - —
75/222, bgs., c.l., same basis, lb. .18½- —
l.c.l., same basis. lb. .19½- —
83/251, bgs., c.l., same basis. lb. .19½- —
l.c.l., same basis. lb. .20½- —
92/283, bgs., c.l., same basis. lb. .20½- —
l.c.l., same basis. lb. .21½- —
102/315, bgs., c.l., same basis lb. .21 - —
l.c.l., same basis. lb. .22 - —
113/347, bgs., c.l., same basis lb. .22 - —
l.c.l., same basis. lb. .23 - —
125/379, bgs., c.l., same basis lb. .23 - —
l.c.l., same basis. lb. .24 - —
Glue prices for barrel packing, ½c. lb. higher, grinding charge, 20-40 mesh, ½c. lb.; 60 mesh, 1c. lb
Glycerin, C.P., cns., l.c.l. lb. .14½- .15
dms., c.l., divd. lb. .12½- —
l.c.l., divd. lb. .13 - —
tanks, divd. lb. .12¼- —
dynamite, dms. lb. Nominal.
high gravity, dms., c.l., divd. lb. .12 - —
l.c.l., divd. lb. .12½- —
tanks, divd. lb. .11¾- —
saponification, basis 88%, dms., returnable, divd. lb. .08½- .08¾
soaplye, basis 80%, dms., returnable, divd. lb. .07¾- .08
Glycol boriborate, dms. lb. .23 - —
Phthalate, dms. lb. .39 - —
Stearate, dms. lb. .25 - —
Gold, U.S. purchase price. oz. 35.00 - —
Chloride, acid brown, bots. oz. 20.75 -21.00
yellow, bots. oz. 18.75 -19.00
Gold-soda chloride, photo., bots., oz. 13.00 - —
U.S.P. IX, bots. oz. 14.50 -14.75
Gold of pleasure seed, bgs. lb. .12 - .12½
Goldenseal root, bls. lb. 2.75 - 2.80
powd., bxs. lb. 3.00 - 3.15
Grains of paradise, bgs. lb. .50 - .55
Graphite, flake (cryst.), 90% 325 mesh, 50% graphitic carbon, bgs., c.l., works. lb. .06 - —
bbls., c.l., works. lb. .06¼- —
l.c.l., works lb. .06½- —
powd., amorph., 90% 325 mesh, 65% graphitic carbon bgs., c.l., works. lb. .02½- —

Graphite—Lead Peroxide

Graphite, powd., amorph, 90%, 325 mesh, 65% graphitic carbon, bbls.,c.l., works..lb. .02¼- —
l.c.l., works.....lb. .03¼- —
80% graphitic, carbon, bgs., c.l., works..lb. .03½- —
bbls., c.l., works.....lb. .03¾- —
l.c.l., works.....lb. .04½- —

Grease, house, trcs.....lb. .05¼- .05¾
White, trcs.....lb. .06 - .06¼
Yellow, trcs.....lb. .05¼- .05¾
Wool (see Adeps lanae and Degras).

Green, chrome, C.P., dark, light, medium, blue content up to 5%, bbls., divd. N. of Tenn. and N. C. E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. .21 - —
6-10%, bbls., same basis.lb. .22 - —
11-15%, bbls., same basis.lb. .23 - —
16-20%, bbls., same basis.lb. .23½- —
21-25%, bbls., same basis.lb. .24 - —
26-30%, bbls., same basis.lb. .24½- —
31-35%, bbls., same basis.lb. .25½- —
36-40%, bbls., same basis.lb. .27 - —
41-45%, bbls., same basis.lb. .28½- —
46-50%, bbls., same basis.lb. .30 - —
over 50%, bbls., same basis lb. .31 - —

Chrome green prices are ½c. higher divd. Ala., Fla., Ga., La., (Shreveport, 1½c.), Miss., N. C., S. C., Tenn., Texas (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher divd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.

Chrome, reduced, C.P., color content up 5%, same basis. lb. .06 - —
6-10%, bbls., same basis.lb. .06¾- —
11-15%, bbls., same basis.lb. .07¼- —
14-16%, bbls., same basis.lb. .07¼- —
17-19%, bbls., same basis.lb. .07¾- —
20-21%, bbls., same basis.lb. .08 - —
22-23%, bbls., same basis.lb. .08¼- —
24-25%, bbls., same basis.lb. .08½- —
26-27%, bbls., same basis.lb. .08¾- —
28-29%, bbls., same basis.lb. .09¼- —
30-31%, bbls., same basis.lb. .10 - —
32-33%, bbls., same basis.lb. .11¼- —
34-35%, bbls., same basis.lb. .12¼- —
36-40%, bbls., same basis.lb. .14¼- —
41-45%, bbls., same basis.lb. .16¼ —
46-50%, bbls., same basis.lb. .16¾- —
51-55%, bbls., same basis.lb. .17¼- —
56-60%, bbls., same basis.lb. .17¾- —
61-65%, bbls., same basis.lb. .18¼- —
66-70%, bbls., same basis.lb. .19¼- —
71-75%, bbls., same basis.lb. .20¼- —

Chrome oxide, dom., pure, bbls. lb. .22 - —
ceramic, light shades, bbls., c.l., works..lb. .28 - —
l.c.l., works .....lb. .30 - —
standard grade, bbls., works..lb. .21 - .22

Chrome, tetrahydroxide, bbls.lb. .85 - —
Paris (see P).
Tungstated, brilliant, kgs....lb. 3.50 - —
emerald, kgs.....lb. 2.35 - —
Verdigris (see V).
Green dyes are listed under Dyes.
Grindelia robusta, bls.....lb. .08 - .09
Guaiac resin, cs.....lb. .27 - .28
strained, cs. .....lb. .90 - 1.00
Wood, bls. .....lb. .04 - .05
Guaiacol, liq., djns.....lb. 1.65 - 1.91
Carbonate, ftb. dms., 25 lbs..lb. 2.40 - 2.74
Guarana, powd., cs. .....lb. 1.05 - 1.10
Gum, aloe (see A).
Ammoniac, tears., cs.....lb. .85 - .90
Arabic, amber sorts, cleaned, bgs..lb. .09½- .09¾
white, sorts, 1, bgs.....lb. .23 - .24
2, bgs.....lb. .21 - .22
white, powd., bbls.....lb. .12¾- .14
Asafetida (see A).
Asphaltum (see A).
Benzoin, Siam, cs.....lb. 1.40 - 1.60
Sumatra, cs.....lb. .23 - .25
Camphor (see C).
Chicle, prime, 35% moisture, bgs., ton lots..lb. .38 - .39
Copal, Congo, 1, water white, transparent, bgs., c.l., ex dock or ex whse., N. Y. or San Fran....lb. .34¾- —
Gum, copal, dammar, elemi, kauri, mastic, sandarac, and yacca gums prices c.l. (30,000 lbs. min.) apply to assorted lots of gums as well as one grading; l.c.l. prices are ¼c. higher for 10 bgs. or over; ½c. higher for 1-9 bgs.
2, cloudy, white, bgs., c.l., same basis..lb. .26¾- —
3, selected pale straw bold, bgs., c.l., same basis..lb. .17¼- —
4, pale bold straw, bgs., c.l., same basis..lb. .18¼- —
5, pale, straw bold, bgs., c.l., same basis..lb. .14¼- —
6, pale amber bold, bgs., c.l., same basis..lb. .14¾- —
7, pale, straw bold, bgs., c.l., same basis..lb. .11¾- —
8, light amber bold, bgs., c.l., same basis..lb. .11¼- —
9, medium light amber, bold, bgs., c.l., same basis..lb. .09 - —
10, rescraped hard amber bold, bgs., c.l., same basis, lb. .09¼- —
11, hard dark amber bold, bgs., c.l., same basis..lb. .07½- —
12, selected, bold sorts, bgs., c.l., same basis..lb. .06½- —
13, dark sorts bold, bgs., c.l., same basis..lb. .05¾- —
14, selected, fully scraped, ivory, bgs., c.l., same basis..lb. .17¼- —
15, ordinary ivory sorts, bgs., c.l., same basis..lb. .06¾- —
16, inferior ivory sorts, bgs., c.l., same basis..lb. .05¾- —
17, pale, fingers, bgs., c.l., same basis..lb. .14¼- —
18, pale straw nubs, bgs., c.l., same basis..lb. .11¾- —
19, pale straw nubs, bgs., c.l., same basis..lb. .11½- —
20, hard dark amber nubs, bgs., c.l., same basis..lb. .08¼- —
21, ordinary selected nubs, c.l., same basis..lb. .06¾- —
22, small mixed nubs, bgs., c.l., same basis..lb. .06½- —
23, dark mixed nubs, bgs., c.l., same basis..lb. .06¼- —
24, No. 1, ivory nubs, bgs., c.l., same basis..lb. .14¼- —
25, No. 2, natural ivory nubs, bgs., c.l., same basis, lb. .06¼- —
26, pale, bold chips, bgs., c.l., same basis..lb. .06 - —
27, pale small chips, bgs., c.l., same basis..lb. .05¾- —
28 pale dust, bgs., c.l., same basis..lb. .04¾- —
East India, Batu, bold scraped, bgs., c.l., same basis, lb. .05¼- —
unscraped, b g s., c.l., same basis..lb. .04 - —

Gum, copal, East India, Batu, chips, bgs., c.l., same basis, lb. .03¾- —
dust, bgs., c.l., same basis..lb. .03¼- —
nubs and chips, bgs., c.l., same basis..lb. .03¾- —
black, bold, scraped, bgs., c.l., same basis..lb. .06¾- —
unscraped, bgs., c.l., same basis..lb. .05 - —
nubs and chips, bgs., c.l., same basis..lb. .05 - —
Hiroe, Macassar, pale, bold, bgs., c.l., same basis.lb. .11¾- —
chips, bgs., c.l., same basis..lb. .05¾- —
dust., bgs., c.l., same basis..lb. .03¼- —
nubs, bgs., c.l., same basis..lb. .09½- —
Singapore, Rasak, bold, bgs., c.l., same basis..lb. .14½- —
chips, bgs., c.l., same basis, lb. .06½- —
dust, bgs.,c.l.,same basis.lb. .03¼- —
nubs, bgs., c.l., same basis, lb. .10¾- —
Manila, Boeas, amber and dark, bskts., c.l., same basis..lb. .11½- —
light, bskts., c.l., same basis..lb. .13¾- —
Loba A, bskts., c.l., same basis..lb. .10½- —
B, bskts.,c.l.,same basis.lb. .10¼- —
C, bskts., c.l., same basis, lb. .09¾- —
CNE, bskts., c.l., same basis..lb. .06¾- —
D, bskts., c.l., same basis, lb. .09¾- —
DK, bskts., c.l., same basis, lb. .06 - —
DU, bskts., c.l., same basis, lb. .08¾- —
dust, bskts.,c.l., same basis, lb. .06½- —
Sambas and white split chips, bskts., c.l., same basis..lb. .14¾- —
Singapore, dust., bskts., c.l., same basis..lb. .03½- —
spirit-soluble, CBB, bskts., basis..lb. .08½- —
DBB, bskts., c.l., same basis..lb. .07⅞- —
MA, bskts., c.l., same basis, lb. .06½- —
MB, bskts., c.l., same basis, lb. .06 - —
WS, bskts., c.l., same basis, lb. .07⅞- —
Philippine, Manila, amber sorts, bskts., c.l., same basis..lb. .06¾- —
chips, pale, bskts., c.l., same basis..lb. .08½- —
small, bskts., c.l., same basis..lb. .07¼- —
extra pale sorts, bskts., c.l., same basis..lb. .08¾- —
nubs, bskts., c.l., same basis..lb. .10¾- —
pale, scraped, bskts., c.l., same basis..lb. .11¾- —
seeds and dust, bskts., c.l., same basis..lb. .05¾- —
Pontianak, bold, genuine, bgs., same basis..lb. .15¼- —
mixed, bgs., c.l., same basis..lb. .14 - —
chips, bgs., c.l., same basis, lb. .06¾- —
split, bgs., c.l., same basis, lb. .13½- —
nubs, bgs., c.l., same basis lb. .11¾- —
Dammar, Batavia, A, cs., c.l., same basis as copal..lb. .20 - —
A/D, cs., c.l., same basis.lb. .15 - —
A/E, cs., c.l., same basis.lb. .12¾- —
B, cs., c.l., same basis..lb. .18½- —
C, cs., c.l., same basis....lb. .14¾- —
D, cs., c.l., same basis..lb. .13½- —
dust., cs., c.l., same basis.lb. .05¾- —
E, cs., c.l., same basis...lb. .07¾- —
F, cs., c.l., same basis...lb. .07¼- —
Singapore 1, cs., c.l., same basis..lb. .15¾- —
2, cs., c.l., same basis....lb. .11¾- —
3, cs., c.l., same basis....lb. .05¼- —
chips, cs., c.l., same basis.lb. .10¾- —
dust., cs., c.l., same basis, lb. .05¼- —
seeds, cs., c.l., same basis, lb. .07¾- —
Elemi, cns., c.l., same basis as copal..lb. .08½- —
Ester, dms., divd., New England, N. J., eastern N. Y. and Pa., Del., and Md., 75,000 lbs., contrs. or single shipt., 10,000 lbs., lb. .06¼- .06½
less than 10,000 lbs., same basis..lb. .06½- .07
divd.,western N.Y., and Pa., Ohio,Mich.,Ind.,Ill.,Wis., Minn., Iowa, Mo., Ky., Va., W. Va., and N. C., 75,000 lbs., contrs. or straight c.l.....lb. .06¾- .07
l.c.l., same basis.....lb. .07 - .07½
divd., elsewhere, 75,000 lbs., contrs. or straight, c.l. lb. .07 - .07½
l.c.l., same basis.....lb. .07¼- .07¾
Euphorbium, cs.....lb. .21 - .23
Galbanum, cs.....lb. .90 - .95
Gamboge, pipe, cs.....lb. .60 - .65
powd., bbls.....lb. .65 - .70
Ghatti, soluble, bgs.....lb. .11 - .15
superior, bgs.....lb. .09 - .11
Guaiac (see Guaiac resin)
Karaya, bbls., bxs., dms.....lb. .14½- .23
Kauri, brown, XXX, cs., c.l., lb. .60 - —
BX, cs., c.l., same basis..lb. .38 - —
B1, cs., c.l., same basis..lb. .28 - —
B2, cs., c.l., same basis..lb. .24 - —
B3, cs., c.l., same basis..lb. .18½- —
60% chips, cs., c.l., same basis..lb. .12½- —
pale, XXX, cs., c.l., same basis..lb. .61 - —
1, cs., c.l., same basis..lb. .41 - —
2, cs., c.l., same basis..lb. .24 - —
3, cs., c.l., same basis..lb. .17¾- —
Kino, tins .....lb. 2.50 - 2.75
Mastic, cs., c.l., same basis as copal..lb. .55 - .56
Myrrh, USP, cs.....lb. .45 - .50
Olibanum, siftings, bls.....lb. .07½- .18
tears, cs.....lb. .18 - .24
Opium (see O)
Rosin (see R)
Sandarac, cks., c.l., same basis as copal..lb. .19 - .20
Scammony, cs.....lb. 1.10 - 1.15
Senegal, picked, bgs.....lb. .25 - .27
sorts, bgs.....lb. .09¼- .09½
Talha, bgs.....lb. .07½- .08
Thus, bbls.....280 lbs.14.00 -14.25
Tragacanth, Aleppo 1, cs....lb. 2.65 - 2.70
2, cs.....lb. 2.35 - 2.40
3, cs.....lb. 2.30 - 2.35
4, cs.....lb. 2.25 - 2.30
5, cs.....lb. 2.20 - 2.25
flake, bgs.....lb. .50 - 1.00
Yacca, bgs., c.l., same basis as copal..lb. .08¼- —
powd., bgs., c.l., same basis.lb. .04½- —

Gypsum, Keene's cement, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald.ton.21.15 - —
Medicine Lodge, Kans., frt. equald..ton.17.00 - —
New Brighton, N. Y., frt. equald..ton.27.15 - —
Southard, Okla., frt. equald..ton.17.00 - —
Sweetwater, Tex., frt. equald..ton.21.15 - —
plaster of paris, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald..ton.12.50 - —
Blue Rapids, Kans., frt. equald..ton.12.50 - —
New Brighton, N. Y., frt. equald..ton.15.70 - —
Southard, Okla., frt. equald..ton.12.50 - —
Sweetwater, Tex., frt. equald..ton.12.50 - —
stucco, paper bgs., c.l., f.o.b. Acme, Tex.; Blue Rapids, Kans.; Fort Dodge, Ia.; Grand Rapids, Mich.; Gypsum, O.; New Brighton, N. Y.; Plasterco, Va.; Southard, Okla.; Sweetwater, Tex., frt. equald..ton. 8.00 - —
Terra alba, dom., paper bgs., c.l., f.o.b. New Brighton, N. Y.; Southard, Okla., frt. equald..ton.12.00 - —
Import, bgs., ex dock....ton.27.50 - —

H

Heliotropin, cryst., cns.....lb. 1.80 - 2.20
Hellebore,white,root,powd.,bbls.lb. .12 - .18
Helonias root bls.....lb. .85 - .90
Hematine crystals, bbls.....lb. .18 - .28
Hemlock bark extract, 25% tan, c.l., bbls., works..lb. .03 - —
l.c.l., bbls., works.....lb. .03¼- —
tanks, works.....lb. .02¾- —
Hempseed, Manchur, bgs.....lb. .05¼- .05½
Henbane leaves, bls.....lb. .15 - .16
Henna leaves, bls.....lb. .07½- .08
powd., bbls., bxs.....lb. .10 - .11
Heptane, mixed, 77-115°C., dms., c.l., Group 3..gal. .11 - —
l.c.l., Group 3.....gal. .16 - —
tanks, Group 3.....gal. .08½- —
normal, 86-100°, dms., c.l., Group 3..gal. .11½- —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .09½- —
Hexalin, dms.....lb. .80 - —
Hexane, normal, 60-70° C., dms., c.l., Group 3..gal. .12½- —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .10½- —
laboratory grade, dms., c.l., Group 3..gal. .14 - —
l.c.l., Group 3.....gal. .25 - —
Hexamethylenetetramine, tech., dms., 1,500 lbs. or more shipments, f.o.b. Perth Amboy or N. Y. C..lb. .85 - —
150 to 1,350 lbs. shipments, same basis..lb. .86 - —
USP, dms., 500 lbs., or more, shipments, same basis, lb. .46 - —
100 to 400 lbs., shipments, same basis..lb. .47 - —
Hexyl acetate, secondary, dms., c.l., frt. pd. E. of Rocky Mts..lb. .13 - —
l.c.l., same terms.....lb. .13¼- —
tanks, same terms.....lb. .12 - —
Homatropine hydrobromide, bots., 50 ozs..oz.13.00 - —
25 ozs.....oz.13.50 - —
Hoofmeal, 17-18% ammon., bulk, f.o.b. Chicago..unit-ton. 2.50 - 2.65
Hops, N. F., bls.....lb. .17 - .27
Horehound, bls.....lb. .09 - .10
Hydrangea root, bls.....lb. .09 - .10
Hydrastine, bots., 4 ozs.....oz.17.25 - —
cns., 16 ozs.....oz.17.00 - —
Hydrochloride, bots., 4 ozs...oz.17.25 - —
cns., 16 oz. .....oz.17.00 - —
Sulphate, bots., 4 ozs.....oz.19.25 - —
cns., 16 oz. .....oz.19.00 - —
Hydrastis (see Golden seal).
Hydroturamide, dms., 100 lbs. or more, works..lb. .30 - —
ftb. ctns., works.....lb. .40 - —
Hydrogen peroxide, USP, bbls.lb. .03¾- .04
100 vols., cbys., E.ofMiss.R.lb. .20 - —
Hydroquinone, dealers, bbls., dms..lb. .90 - .94
Hydroxycitronellal, cns.....lb. 2.00 - 2.50
Hyoscine hydrobromide, bots..oz.18.00 -19.00
Hyoscyamine, bots.....oz.15.00 - —
Hydrobromide, bots.....oz.15.00 - —
Sulphate, bots.....oz.15.00 - —
Hypernic, liq., 51°, bbls.....lb. .16 - .21
solid, bxs. .....lb. .18¼- .20½

I

Iceland moss, bls.....lb. .12 - .18
Ichthyol, bots.....lb. 4.00 - 4.25
Indian red (see Red, Indian).
Indigo, nat., Madras, cs.....lb. 1.63 - 1.67
synth., liq., bbls.....lb. .16½- .19
powd., bbls.....lb. .74½- .85
Indol, CP, bots.....lb.32.00 -34.00
Insect flowers (see Pyrethrum).
Iodine, crude, jars, 25 lbs.....lb. 1.30 - —
kgs., 150 lbs.....lb. 1.07 - —
less 5%, kgs., 150 lbs..lb. 1.07 - —
resubl., bots., 5 lbs.....lb. 1.85 - —
jars, 50 lbs.....lb. 1.75 - —
tincture, USP, bbls., 47 gals., gal. 1.70 - —
cbys., 5 gals.....gal. 1.75 - 1.80
mild, bbls., 47 gals.....gal. .95 - —
cbys., 5 gals.....gal. 1.00 - 1.05
Iodoform, dms., 100 lbs.....lb. 3.95 - —
jars, 25 lbs.....lb. 4.05 - —
Ionone, alpha, bots.....lb. 2.50 - 2.55
alpha, extra, bots.....lb. 4.00 - 4.05
alpha beta, bots.....lb. 2.25 - 2.30
beta, bots.....lb. 4.10 - 4.15
Ipecac root, bgs.....lb. 1.10 - 1.15
powd., bxs.....lb. 1.20 - 1.25
Irish moss, ordinary, bls.....lb. .10 - .11
powd., 80-90 mesh, bbls...lb. .20 - .22
prime, bleached, bls.....lb. .18 - .20
Iron acetate, N. F. IV, cbys., 100 lbs..lb. .15 - —
djns., 50 lbs.....lb. .16 - —
liquor, bbls., c.l., divd....lb. .03 - —
l.c.l., divd.....lb. .04 - —
Chloride (ferric), tech., anhydr., 390-lb. dms.....100 lbs. 4.65 - 6.25
150-lb. dms .....100 lbs. 5.00 - 6.60
cryst., bbls., works, frt. alld. or equid..lb. .05 - .06
kegs, works, frt. alld. or equid..lb. .07½- .08
liquor, cbys., works, frt. alld. or equid..lb. .05 - .06
USP X, cryst., bbls.....lb. .07½- —
kegs .....lb. .08½- —
USP solut., cbys., works, frt. alld. or equid..lb. .06½- .07
djns .....lb. .07½- —
Iron, citrate, USP VIII, pearls, lb. .72 - .75
powd., cns.....lb. .84 - .87
scales, cns.....lb. .77 - .80
Glycerophosphate, bbls., kgs., 1,000 lb. lots..lb. 2.87 - —
smaller lots.....lb. 2.97 - —
cns., 25 lbs.....lb. 3.09 - —
Hypophosphite, cns.....lb. 1.55 - 1.60
Iodide, bots.....lb. 2.99 - —
syrup, djns.....lb. .37 - .38
bots .....lb. .52 - —
Nitrate, coml., kgs.....lb. .02¾- .03
Oxalate, powd., kgs.....lb. .47 - —
cns. .....lb. .52 - —
scales, cns.....lb. .33 - .35
Oxide (see Black, Red, etc.).
Phosphate, ferric, pearls, cns., 50 lbs..lb. .54 - —
25 lbs.....lb. .57 - —
scales, cns., 50 lbs.....lb. .59 - —
25 lbs.....lb. .62 - —
Ferrous, bbls., 200 lbs.....lb. .35 - —
bxs., 25 lbs.....lb. .40 - —
kgs., 100 lbs.....lb. .37 - —
Pyrophosphate, pearls, cns...lb. .59 - .62
scales, cns.....lb. .64 - .67
Reduced, 90%, cs.....lb. .60 - .65
Sulphate, tech. (see Copperas and ferric sulphate).
Sulphate, U.S.P., cryst., bbls., 275 lbs..lb. .04¼- —
dms., 100 lbs.....lb. .06½- —
Iron-ammonia citrate, brown, gran., cns..lb. .37 - .40
pearls, cns.....lb. .37 - .40
scales, cns.....lb. .47 - .50
green, gran., cns.....lb. .37 - .40
pearls, cns.....lb. .37 - .40
scales, cns.....lb. .47 - .50
Oxalate, bxs.....lb. .30 - —
ftb., dms.....lb. .23½- —
kgs. .....lb. .25½- —
Iron-potash oxalate, bbls.....lb. .42 - —
kgs. .....lb. .44 - —
jars .....lb. .48 - —
Iron-soda oxalate, bxs.....lb. .30 - —
ftb., dms.....lb. .23½- —
kgs. .....lb. .25½- —
Isobutyl carbinol (see Carbinol).
Isopentane, dms., works.....lb. .48 - —
small lots, works.....lb. .50 - —
Isopropanol (see Alcohol, isopropyl).
Isopropyl acetate, dms., c.l., frt. pd. E. of Rocky Mts..lb. .061 - —
l.c.l., same terms.....lb. .066 - —
tanks, same terms.....lb. .051 - —
Alcohol (see Alcohol).
Ether, dms., c.l., works, frt. alld. E. of Miss R..gal. .40 - —
l.c.l. .....gal. .35 - —
tanks .....gal. .25 - —

J

Jaborandi leaves, bls.....lb. .09 - .10
Jalap root, NF, bls.....lb. .16 - .17
powd., bbls., bxs.....lb. .20 - .21
Juniper berries, bgs.....lb. .04 - .06

K

Kamala, tins.....lb. .28 - .29
Kaolin (see China clay).
Kava kava root, bls.....lb. .15 - .16
Kerosene, at refinery:—
Bayonne, 41-43 w.w., tanks.gal. .04¾- .05
Gulf ports, p.w., bulk, export, gal. .03¾- —
w.w., bulk..gal. .04 - —
Louisiana-Arkansas, 41-43 w.w., bulk..gal. .04¾- .04½
Oklahoma-Texas, 41-43 w.w., tanks..gal. .04 - .04¾
42-44 w.w., tanks.....gal. .04¼- .04¾
Pennsylvania, 45 w.w., tanks, gal. .04¾- .05
46 w.w., tanks.....gal. .04¾- .05¼
47 w.w., tanks.....gal. .05 - .05⅛
Kerosene, tankwagon:—
Atlanta .....gal. .12 - —
Boston .....gal. .08 - —
Chicago .....gal. .10 - —
Cincinnati .....gal. .13 - —
Denver .....gal. .11½- —
Louisville .....gal. .10 - —
Minneapolis .....gal. .104 - —
New Orleans.....gal. .11 - —
New York .....gal. .08¾- —
San Francisco .....gal. .11½- —
Kerosene distillate (see Oil, furnace).
Kieserite, calc., 96-98% $MgSO_4$ bgs., c.l., ex vessel Atlantic, Gulf ports, duty pd..ton. No prices
Kola nuts, bgs.....lb. .07 - .08

L

Lady slipper root, bls.....lb. .55 - .60
Lanolin (see Adeps lanae).
Lard, city, tubs.....100 lbs. 7.75 - 8.00
Middlewestern, trcs....100 lbs. 7.55 - 7.65
Neutral, trcs.....100 lbs. 8.75 - 9.00
Western, choice, trcs..100 lbs. 7.60 - 7.70
Compound, trcs.....100 lbs. 9.50 -10.00
Larkspur seed, bgs.....lb. .32 - .35
Laurel berries, bls.....lb. .09 - .10
Leaves, Greek, bls.....lb. .04½- .04½
Lavender flowers, ordinary, bls.lb. .35 - .40
select, bls.....lb. .40 - .45
Lead acetate, white, broken, bbls..lb. .10 - —
cryst., bbls.....lb. .10 - —
gran., bbls.....lb. .10¾- —
powd., bbls.....lb. .10¾- —
Arsenate, bgs., dealers E. of Rockies..lb. .11 - —
W. of Rockies.....lb. .11 - —
l.c.l., bgs., dealers, E. of Rockies..lb. .11½- —
W. of Rockies.....lb. .11¼- —
Lead arsenate prices are works or whse basis, frt. alld, to dest. in lots of 98 lbs. or over; no frt. or truck allowance for works or whse pick ups.
Blue, basic sulphate, bbls., c.l., divd. E..lb. .06 - .06¼
divd., Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo. .....lb. .06¼- .06½
l.c.l., divd., E.....lb. .06¼- .06½
divd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo .....lb. .06½- .07
Carbonate (see Lead, white).
Chloride, pure, bots., 5 lbs..lb. .62 - —
ftb., dms., 25 lbs.....lb. .49 - —
Iodide, N. F., V., powd., bots., 5 lbs..lb. 2.67 - —
jars .....lb. 2.55 - —
Linoleate, pale, precip., dms., lb. .19 - —
Metal (see daily quotations in market report).
Metallic, paste, 200-lb. cont., f.o.b.works..lb. .19 - —
5-lb. cont., f.o.b. works....lb. .22 - —
Nitrate, bbls.....lb. .10 - .13
Oleate, bbls.....lb. .18½- .20
Peroxide, cns., works.....lb. .46 - .47

Lead, red, dry, 95% or less, Pb_3O_4, bbls., c.l. (20 tons), dlvd., Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .0785- —
other points.....lb. .0760- —
l.c.l., 5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash..lb. .08¼- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash.lb. .08¾- —
Colo., Mont., N. Mex., Wyo..lb. .08½- —
other points.....lb. .08 - —
smaller lots, dlvd., Ala., etc..lb. .08¾- —
Ariz., etc.....lb. .09¼- —
Colo., etc.....lb. .09 - —
other points.....lb. .08½- —
97%, Pb_3O_4, bbls., c.l. (20 tons), dlvd., Ala., etc. lb. .0810- —
other points.....lb. .0785- —
l.c.l., 5 tons, dlvd., Ala., etc..lb. .08½- —
Ariz., etc.....lb. .09 - —
Colo., etc.....lb. .08¾- —
other points.....lb. .08¼- —
smaller lots dlvd., Ala., etc..lb. .09 - —
Ariz., etc.....lb. .09¼- —
Colo., etc.....lb. .09¼- —
other points.....lb. .08¾- —
95%, Pb_3O_4, bbls., c.l. (20 tons), dlvd., Ala., etc..lb. .0835- —
other points.....lb. .0810- —
l.c.l., 5 tons, dlvd., Ala., etc..lb. .08¾- —
Ariz., etc.....lb. .09¼- —
Colo., etc.....lb. .09 - —
other points.....lb. .08½- —
smaller lots, dlvd. Ala., etc..lb. .09¼- —
Ariz., etc.....lb. .09¾- —
Colo., etc.....lb. .09½- —
other points.....lb. .09 - —
in oil, 95% min., 100-lb. kgs., lb. .12¼- —
Resinate, fused, 10%, bbls...lb. .09¼- —
pale, bbls.....lb. .11¼- —
precip., bbls.....lb. .16¼- —
Stearate, bbls. .....lb. .22 - .28
Sulphate (see Lead, white, basic sulphate).
Titanate, bbls., c.l., f.o.b. works, frt. alld..lb. .11 - —
l.c.l., 5 tons, one delvy, dlvd., lb. .11¼- —
smaller lots .....lb. .11½- —
White, dry, basic carbonate, bbls., c.l., dlvd. Ariz., Cal., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash. and Wyo..lb. .07 - .07¼
other points.....lb. .06¾- .07
l.c.l., dlvd., Ariz., etc. lb. .07¼- .07½
other points.....lb. .07 - .07¼
basic sulphate, bbls., dlvd., Ariz., etc..lb. .06½- .06½
other points .....lb. .06 - .06¼
l.c.l., dlvd., Ariz., etc..lb. .06½- .06¾
other points.....lb. .06¼- .06½
in oil, 100-lb. kgs., consumers lb. .11¾- —
dealers .....lb. .09¾- —
painters .....lb. .10¾- —
Lecithin, 100%, cns., f.o.b., N. Y., or Chi....lb. 2.60 - —
edible, grade 1, dms., c.l., same basis..lb. .45 - —
l.c.l., same basis.....lb. .47½- .65
grades 2 or 3, dms., c.l., same basis..lb. .47½- —
l.c.l., same basis.....lb. .50 - .67½
grade 4, dms., c.l., same basis..lb. .50 - —
l.c.l., same basis.....lb. .52½- .70
purified, cs., dms., c.l., same basis..lb. .65 - —
l.c.l., same basis.....lb. .67½- .85
tech., grade 1, dms., c.l., same basis..lb. .35 - —
l.c.l., same basis.....lb. .37½- .55
grades 2 or 3, dms., c.l., same basis..lb. .37½- —
l.c.l., same basis.....lb. .40 - .57½
grade 4, dms., c.l., same basis..lb. .40 - —
l.c.l., same basis.....lb. .42½- .60

Lecithin prices quoted above are for goods packed in 25, 50, or 100-lb. dms. When goods are packed in 500-lb. dms. prices are 1c. per lb. less.

Lemon peel, bls.....lb. .09 - .10
Licorice extract, mass, cs.....lb. .17 - .18
powd., bbls.....lb. .24 - .25
Root, bls.....lb. .04½- .05
powd., bbls., bxs.....lb. .07 - .09
select, bndls., cs.....lb. .16 - .17
Lime, chemical (quicklime), lump or pebble, bulk, f.o.b.
Bellefonte, Pa.....ton. 7.00 - —
Berkley, W. Va.....ton. 7.00 - —
Carey, Ohio.....ton. 7.00 - —
Cedar Hollow, Pa...ton. 8.50 - —
Crab Orchard, Tenn.ton. 6.25 - —
Eagle Mountain, Va.ton. 7.00 - —
Farnams, Mass. ....ton. 8.00 - —
Gibsonburg, Ohio....ton. 7.00 - —
Hannibal, Mo.....ton. 6.50 - —
Keystone, Ala. .....ton. 7.00 - —
Knoxville, Tenn. ....ton. 6.25 - —
Limedale, Ark.....ton. 7.00 - —
Longview, Ala.....ton. 6.25 - —
Manistique, Mich....ton. 8.00 - —
Marblehead, Ohio....ton. 7.50 - —
Martinsburg, W. Va..ton. 7.00 - —
Menominee, Mich....ton. 8.00 - —
Mitchell, Ind.....ton. 6.50 - —
Newala, Ala.....ton. 6.25 - —
Oranda, Va.....ton. 7.00 - —
Rippleмead, Va. ....ton. 7.00 - —
Riverton, Va. .....ton. 7.00 - —
Scioto, Ohio.....ton. 6.00 - —
Sheboygan, Wis.....ton. 7.00 - —
Sherwood, Wis.....ton. 7.50 - —
Springfield, Mo.....ton. 7.00 - —
Woodville, Ohio.....ton. 7.00 - —
York, Pa.....ton. 7.00 - —
hydrated, paper bgs., f.o.b.
Bellefonte, Pa...ton. 8.50 - —
Berkley, W. Va.....ton. 8.50 - —
Buffalo, N. Y.....ton.10.00 - —
Carey, Ohio.....ton. 8.50 - —
Cedar Hollow, Pa...ton. 8.00 - —
Crab Orchard, Tenn.ton. 9.00 - —
Eagle Mountain, Va.ton. 9.00 - —
Farnams, Mass. ....ton. 9.50 - —
Gibsonburg, Ohio....ton. 8.50 - —
Hannibal, Mo.....ton. 8.50 - —
Keystone, Ala.....ton. 9.00 - —
Knoxville, Tenn.....ton. 9.00 - —
Le Roy, Minn.....ton.10.00 - —
Limedale, Ark.....ton. 9.00 - —
Longview, Ala.....ton. 9.00 - —
Louisville, Ky.....ton.14.50 - —
Manistique, Mich....ton. 9.50 - —
Marblehead, Ohio....ton. 8.50 - —
Martinsburg, W. Va.ton. 8.50 - —
lime, hydrated, paper bgs., f.o.b.,
Mitchell, Ind.....ton. 9.00 - —
Newala, Ala.....ton. 9.00 - —
Oranda, Va.....ton. 8.50 - —
Pelham, Ala.....ton. 9.00 - —
Potoskey, Mich.....ton. 9.00 - —
Port Island, Mich....ton. 9.00 - —
Rapid City, S. D....ton.12.00 - —
Rippleмead, Va. ....ton. 9.00 - —
Scioto, Ohio.....ton. 8.00 - —
Sherwood, Wis. .....ton. 9.00 - —
Siluria, Ala. .....ton. 9.00 - —
Springfield, Mo. .....ton. 9.00 - —
Woodville, Ohio.....ton. 8.50 - —
York, Pa.....ton. 8.50 - —
Bellefonte, Pa.....ton. 9.50 - —
Carey, Ohio.....ton.11.00 - —
Farnams, Mass.....ton.10.00 - —
Gibsonberg, Ohio....ton.11.00 - —
Marblehead, Ohio....ton.11.00 - —
Oranda, Va.....ton. 9.00 - —
Scioto, Ohio.....ton.10.00 - —
Woodville, Ohio.....ton.11.00 - —
York, Pa.....ton. 9.00 - —

Lime salts (see Calcium)

Lime-sulphur, dry, dealers, bgs., c.l., E. of and incl. N. Dak., S. Dak., Neb., Kan., Okla., Tex..lb. .07½- .08½
dms., same basis.....lb. .10½- —
400 lbs., or more, bgs., same basis..lb. .07¾- .08¾
dms., same basis.....lb. .11 - —
less than 400 lbs., same basis, lb. .08½- .09½
dms., same basis.....lb. .12 - —
solution, zone 1, dms., consumer, gal. .16 - —
Zone 2, tanks, dealers, wks., gal. .08½- —
30-50 dms.....gal. .11 - .15
Zone 3, tanks, dealers, dlvd., gal. .11¼- —
30-50 dms.....gal. .14 - .18
Zone 4, tanks, dealers, wks., gal. .08 - —
dms., c.l. and l.c.l.....gal. .13 - .14
Zone 5, tanks, dealers, dlvd., gal. .10¼- —
c.l. and l.c.l.....gal. .13 - .14
Zone 6, tanks, dealers.....gal. .07¼- —
30-50 dms.....gal. .09 - .13

Prices for lime sulphur solution are f.o.b. warehouse points, freight allowed. Zone 1 includes Ga., S. C., Ala., N. C., except the counties of Ashe, Surry, Stokes, Rockingham and Alleghany; Tenn., east of Tenn. River. Zone 2: New England States. Zone 3: Ark., Ohio, Ind., Ill., Ia., Ky., Mich., Wis., Minn., Mo., and Tenn., west of Tenn. River; Penna., eastern tier, and W. Va., western tier. Zone 4: West of Rocky Mountains, except southern California, which makes up Zone 5. Zone 6: N. Y. east of Herkimer, N. J., Md., Del., Va., Pa.—all counties lying east of the western boundary of Bedford, Blair, Center, Clinton and Potter, W. Va.—counties of Mineral, Hampshire, Morgan, Berkeley, Jefferson, and Hardy, N. C.—counties of Ashe, Alleghany, Surry, Stokes, and Rockingham.

Linalool, cns.....lb. 2.10 - 6.30
Linalyl acetate, cns., 25 lbs...lb. 1.35 - 2.25
Linden flowers, with leaves, bls.lb. .28 - .30
without leaves, bls.....lb. .17 - .18
Linseed cake, bgs., export....ton.29.50 - —
Meal, 34%, dom., bgs.....ton.41.50 - —
Litharge, com'l, powd., bbls., 20-tons dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .0685- —
dlvd., other points....lb. .0660- —
5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash.....lb. .07¼- —
Ariz., Idaho, Nev., Utah, and E. of Cascade Mts. in Ore. and Wash..lb. .07¾- —
Colo., Mont., N. Mex., Wyo..lb. .07¼- —
other points .....lb. .07 - —
smaller lots, dlvd., Ala., etc. lb. .07¾- —
Ariz., etc. .....lb. .06¾- —
Colo., etc. .....lb. .08 - —
other points .....lb. .07½- —
Lithium bromide, bbls., 100 lbs., works, frt. equal'd...lb. 1.90 - —
50 lbs., works.....lb. 1.02 - —
25 lbs., works.....lb. 1.05 - —
Carbonate, 250-lb., bbls.....lb. 1.25 - —
100-lb. kgs.....lb. 1.30 - —
Chloride, 25-lb. jars.....lb. 1.65 - 1.70
Citrate, 250-lb. bbls.....lb. 1.40 - —
25-lb. dms.....lb. 1.45 - —
100-lb. kgs.....lb. 1.40 - —
Iodide, 5-lb. bots.....lb. 4.85 - —
25-lb. jars.....lb. 4.70 - —
Fluoride, bbls. .....lb. 2.10 - 2.25
Lithopone, dom., high-strength, bgs., 20 tons, dlvd., E. or ex. whse. Pac. Cst.....lb. .05¾- —
smaller lots, same basis, bbls., 20 tons, same basis, lb. .05¾- —
smaller lots, same basis.lb. .06¼- —
ordinary, bgs., 20 tons, same basis..lb. .04¼- —
smaller lots, same basis.lb. .04¾- —
bbls., 20 tons, same basis, lb. .04¾- —
smaller lots, same basis.lb. .04¾- —
titanated, bgs., 20 tons, same basis..lb. .05¾- —
smaller lots, same basis.lb. .06¾- —
bbls., 20 tons, same basis, lb. .05¾- —
smaller lots, same basis.lb. .06¼- —
Liverwort leaves bls.....lb. .18 - .19
Lobelia herb, bls.....lb. .13 - .14
Seed, bgs. .....lb. .40 - .45
Logwood extract, cryst., bbls..lb. .18 - .24
liquid, 51°, bbls.....lb. .09½- .11½
solid, bxs. .....lb. .15 - .19
Lovage root, dom., bls.....lb. .55 - .65
import, bls. .....lb. .45 - .50
Lupulin, N.E., tins.....lb. 1.25 - 1.50
Lycopodium, cs.....lb. .98 - 1.00

M

Mace, Banda, cs.....lb. .51 - .52
Batavia, cs. .....lb. .38 - .39
Siauw, 1, cs.....lb. .46¼- .47
Madder, Dutch, bbls.....lb. .22 - .25
Magnesia arsenate, cyl.....lb. .18 - .20
Calcined, tech., USP, bbls., works..lb. .26 - —
Carbonate, tech., Zone 1, bgs., c.l..lb. .06¼- —
l.c.l. .....lb. .07 - —
bbls., c.l.....lb. .07¼- —
l.c.l. .....lb. .08 - —
kgs., c.l.....lb. .08¾- —
l.c.l. .....lb. .09¼- —
USP, Zone 1, bbls., c.l.....lb. .08¼- —
l.c.l. .....lb. .09 - —
kgs., c.l.....lb. .09¾- —
l.c.l. .....lb. .10¼- —
Magnesia:—Zone 1—Mass., Conn., R. I., N. Y., N. J., Pa., Del., and Md. Zone 2, balance of U. S. C.l., shipm'ts, full fr't alld. up to, but not exceeding 25c. per 100 lbs., actually paid by customers. On l.c.l. shipm'ts, frt. alld. including dlvd. store-door. Magnesia prices are f.o.b., Plymouth meeting house.
Chloride, flake, dom., bbls., works..ton.39.00 -42.00
Hypophosphite, cns., 100 lbs.lb. 1.45 - —
25 lbs. .....lb. 1.50 - —
Oxide (see Calcined).
Palmitate, bbls.....lb. .33 Nom.
Peroxide, 15%, dms., works.lb. 1.00 - 1.35
Silicate (see Talc).
Silicofluoride, bbls.....lb. .09½- .10½
Stearate, bbls., qtns., c.l.....lb. .21 - —
1 ton .....lb. .22 - —
1,000-2,000 lbs. .....lb. .23 - —
smaller lots .....lb. .24 - —
Sulphate (see Epsom salt).
Magnesite, cal., dom., bgs....ton.56.00 -60.00
import, bbls.....ton.60.00 -65.00
dead-burned, dom., bulk, c.l., f.o.b. Chewelah, Wash...ton.35.00 - —
Magnesium hydroxide, medicinal, bbls., 200 lbs..lb. .25 - —
dms., 25 lbs.....lb. .30 - —
kgs., 100 lbs.....lb. .26 - —
Trisilicate, cs., 500-lb. lots..lb. .58 - —
100-lb. lots .....lb. .55 - —
cns. .....lb. .75 - .80
Malva flowers, black, bls.....lb. .45 - .47
blue, bls. .....lb. .45 - .50
Leaves, bls. .....lb. .11 - .19
Manaca root, bls. .....lb. .20 - .21
Mandrake root, bls.....lb. .10 - .11
Manganese acetate, dms.....lb. .26½- —
Arsenate, bgs. .....lb. .12 - .12½
Borate, tech., bbls.....lb. .15 - .16
Carbonate, bbls. .....lb. .19 - —
Chloride, bbls. .....lb. .07½- .07¾
Dioxide, Caucasian, 85-90%, bbls., c.l., works...ton.59.00 - —
l.c.l., 5 tons, works...ton.62.00 - —
smaller lots, works..ton.67.00 - —
burlap bgs., c.l., works.ton.57.00 - —
l.c.l., 5 tons, works..ton.60.00 - —
smaller lots, works.ton.65.00 - —
paper bgs., c.l., works.ton.55.00 - —
l.c.l., 5 tons, works..ton.58.00 - —
84-87% bgs., 28-40 tons, wks. ton.54.50 - —
5-15 tons, wks.....ton.57.50 - —
½-4 tons, wks.....ton.62.50 - —
200-600 lbs., wks....ton.72.50 - —
Glycerophosphate, bbls., kgs., 1,000-lb. lots ....lb. 2.01 - —
smaller lots .....lb. 2.71 - —
cns., 25 lbs. .....lb. 2.83 - —
solut., djns., 1,000-lb. lots, lb. .61 - —
smaller lots .....lb. .71 - —
cns., 25 lbs. .....lb. .81 - —
Hydrate, bbls., dlvd.....lb. .82 - —
Iodide, bots., 5 lbs.....lb. 5.45 - —
jars, 25 lbs. .....lb. 5.30 - —
Linoleate, liquid, 4%, dms...lb. .18 - .18½
solid, precip., 8.2%, bbls..lb. .19 - —
Ore, 50-52% basis, bbls., c.l., Atl. ports..unit-ton.45.00 -47.00
Resinate, fused, 8½%, bbls..lb. .08¼- .08½
precip., dms. .....lb. .12 - —
Sulphate, anhyd., bbls., works, lb. .07 - .07½
cryst., 60% $MnSO_4$, bgs., c.l., dlvd. South...ton.48.75 - —
l.c.l., bgs. .....ton.55.75 - —
80-85%, bgs., c.l., works, frt. alld. to S.F.A. territory, unit-ton. .75 - —
l.c.l., 5 tons, works...lb. .08¼- —
smaller lots, works..lb. .04 - —
Mangrove bark, bgs., shipt...ton.23.00 - —
Manna flake, large, cs.....lb. .45 - .46
small, cs.....lb. .21 - .23
Mannitol, reagent, pure cryst., cs., works..lb. 1.15 - 1.20
commercial, cryst., bbl., ton lots..lb. .49 - —
smaller lots .....lb. .62 - —
Marble flour, bgs.....ton.12.00 -14.00
Marjoram, French, bbls.....lb. .16 - .16½
Tunisan, bls.....lb. .15 - .15½
Matico leaves, bls.....lb. .23 - .24
Menthol, USP, natural, cs.....lb. 3.10 - 3.20
synthetic, tech., cs.....lb. 2.25 - —
USP, cs. .....lb. 3.00 - —
liquid, dms., 50 lbs.....lb. 1.25 - —
Menthyl salicylate, tins, 100-lb. lots..lb. 3.00 - —
25-lb. lots.....lb. 3.10 - —
Mercurial ointment, 30%, pails, 50 lbs. .....lb. .77 - —
25 lbs. .....lb. .79 - —
50%, pails, 50 lbs.....lb. 1.11 - —
25 lbs. .....lb. 1.13 - —
Mercury (see Quicksilver).
Bichloride (see Corrosive sublimate).
Bisulphate, bots., 5 lbs.....lb. 1.81 - —
fib., dms., 100 lbs.....lb. 1.68 - —
jars, 25 lbs. .....lb. 1.70 - —
Chloride (see Calomel).
Iodide, red, N. F., bots., 5 lbs., lb. 3.55 - —
cns., 25 lbs.....lb. 3.60 - —
fib., dms., 100 lbs.....lb. 3.60 - —
yellow, bots., 5 lbs.....lb. 3.80 - —
cns., 25 lbs.....lb. 3.65 - —
fib., dms., 100 lbs.....lb. 3.65 - —
Nitrate ointment (see Citrine ointment).
Mercury, oxide red, N.F. (see Red precipitate).
tech. (See Red, mercury oxide).
Yellow, dom., tech., bbl....lb. 1.21 - —
USP, fib. dms., 50 lbs. or more..lb. 1.73 - —
Mercury and chalk, ctns., 5 lbs., lb. 1.22 - —
fib., dms., 25 lbs.....lb. 1.10 - 1.12
Mesityl oxide, cns., works.....lb. .25½- .27½
dms., c.l., works.....lb. .21 - —
l.c.l., works.....lb. .21½- —
tanks, works.....lb. .20 - —
Metal leaf, pkgs. of 20 books (500 leaves), aluminum, 5½x5½ in...pkg. 1.50 - 1.75
composition, 5½x5½in...pkg. 1.70 - 1.80
Gold, XX deep, 23K, 3⅜x3⅜ in...pkg.15.25 -15.75
3⅜x3⅜ in.....pkg.16.15 -17.50
4x4 in.....pkg.19.50 -20.00
3⅜x5¼ in.....pkg.22.50 -23.00
3⅜x5¼ in.....pkg.24.50 -25.00
Silver, 3⅜x3⅜ in.....pkg. 2.75 - 2.85
Metanitroaniliin, kgs. .....lb. .67 Nom.
Metanitroparatoluidin, bbls....lb. 1.45 - —
Metaphenylenediamine, kgs....lb. .65 - —
Metatoluylenediamine, kgs. ...lb. .65 - —
Methanol, natural, denat. grade, tanks..gal. .25 - .31
97%, tanks .....gal. .32 - —
95%, tanks .....gal. .31 - —
Methyl acetone, tanks.....gal. .25 - —

Methanol in drums, car lots, is 5c. per gal. higher, frt. alld., east of the Rocky Mts. Prices on the Pacific Coast are 3c. higher on tanks and 4c. per gal. higher on drums, car lots.

pure, synth, dms., c.l., Zone 1, frt. alld..gal. .38 - —
2, frt. alld.....gal. .41 - —
3, frt. alld.....gal. .42 - —
4, frt. alld.....gal. .44 - —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .40½- —
2, frt. alld. or dlvd., gal. .47 - —
3, frt. alld. or dlvd..gal. .44½- —
4, frt. alld. or dlvd..gal. .60 - —

Lead—Mica

Methanol, pure, synth., tanks. Zone 1, frt. alld..gal. .33 - —
2, frt. alld.....gal. .35½- —
3, frt. alld.....gal. .36½- —
4, frt. alld.....gal. .37 - —

Synthetic methanol sales zones are:—Zone 1, Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo. N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo.; Zone 3, Los Angeles, Cal., San Francisco, Cal., Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., Cal., N. Mex., Mont., Nev., Idaho, Ore., Utah, Wash.

Methyl acetate, 97-99%, dms., c.l., E. of Miss. R..lb. .06 - —
W. of Miss. R.....lb. .09 - —
l.c.l., dms., dlvd. E. of Miss. R..lb. .06½- —
W. of Miss. R.....lb. .09½- —
tanks, dlvd. E. of Miss R. lb. .07 - —
W. of Miss. R.....lb. .03 - —
tech., dms., c.l., dlvd. E. of Miss. R..lb. .07¼- —
W. of Miss. R.....lb. .08¼- —
l.c.l., dlvd. E. of Miss. R..lb. .08 - —
W. of Miss. R. .....lb. .09 - —
tanks, dlvd. E. of Miss. R., lb. .06¼- —
W. of Miss. R. .....lb. .07½- —
Acetoacetate, dms., c.l., works, frt. alld..lb. .29½- —

Acetone, natural, tanks.....gal. .25 - —
Methyl acetone in drums, car lots, is 5c. per gal. higher, frt. alld., east of Rocky Mts. Prices on Pacific Coast are 3c. per gal. higher on tanks and 4c. per gal. higher on drums, car lots.

Methyl, acetone, synthetic, dms., c.l., Zone 1, frt. alld. E. of Rockies.....gal. .38 - —
2, frt. alld. E. of Rockies, gal. .41 - —
3, Pacific Coast.....gal. .42 - —
Zone 4.....gal. .44 - —
l.c.l., Zone 1, frt. alld. E. of Rockies..gal. .41 - —
2, frt., alld. E. of Rockies..gal. .475 - —
3, Pacific Coast.....gal. .45 - —
4 .....gal. .005 - —
tanks, Zone 1, frt. alld. E. of Rockies.....gal. .315 - —
2, ft. alld. E. of Rockies, gal. .34 - —
3, Pacific Coast.....gal. .32 - —
4 .....gal. .355 - —

Methyl acetone, synthetic, sales zones are:—Zone 1, Conn., Dela., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., West Va. and Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C. and S. D.; Zone 3, Pacific Coast; Zone 4, Ariz., Col., Mont., Nev., Idaho, Ore., Utah, Wash., N. Mex.

Methyl alcohol, (see Methanol).

Anthraniate, bots. .....lb. 2.10 - 2.80
Benzoate, cns., 25 lbs.....lb. .70 - 1.20
Bromide, cyl. .....lb. .60 - .75
Chloride, refrigeration, 500 lbs. and up, machine mfrs. and jobbers, cylinders.lb. .32 - —
service men and consumers, cyl..lb. .36 - —
60 to 499 lbs., cyl., mach. mfrs. and jobbers..lb. .36 - —
service men and consumers, cyl..lb. .40 - —
tanks, multi-unit, mach. mfrs. and jobbers..lb. .31 - —
service men and consumers, lb. .35 - —

Methyl chloride quotations are spot or contract, effective July 1, for delivery to any common carrier point in United States. Prices above are in 60, 90 and 130-lb. cylinders. Prices on the 20-lb. cylinders are uniformly 10c. per pound higher than above prices.

Cinnamate, bls.....lb. 2.45 - 2.75
Formate, dms. .....lb. .35 - .36
Lactate, dms., l.c.l., dlvd..lb. .30 - —
Iodide, bots.....lb. 5.65 - 5.83
Salicylate, dms.....lb. .35 - .37
cns. .....lb. .37 - .40
Violet toner, bbls.....lb. .28 - —
permanent, bbls. .....lb. .30 - —
Methylbutyl ketone, dms., c.l., frt. pd. E. of Rocky Mts.lb. .11¼- —
l.c.l., same terms.....lb. .12 - —
tanks, same terms.....lb. .10¼- —
Methylene blue, medcl., kgs., 100 lbs..lb. 2.00 - —
cns., 5 lbs.....lb. 2.35 - —
Chloride, dms., f.o.b. works..lb. .18 - .22
Methylheptenone, bots.....lb. 2.45 - 3.00
Methylheptin carbonate, bots..lb.23.00 -44.00
Methylhexyl ketone, dms., tech., wks..lb. .60 - —
Methylisobutyl ketone, dms., 55-gal., c.l., works..gal. .76 - —
l.c.l., works.....gal. .80 - —
smaller containers, works.gal. 1.00 - —
tanks, works.....gal. .70 - —
Methylnaphtyl ketone, dom., cryst., bots..lb. 2.25 - 2.30
imp. bots.....lb. 3.10 - —
Methylpropyl carbinol (see Carbinol).
Ketone, dms., c.l.....lb. .16 - —
l.c.l. .....lb. .20 - —
tanks .....lb. .15 - —
Methylethyl ketone, dms., c.l., frt., pd., E. of Rocky Mts. .....lb. .06 - —
l.c.l., same terms.....lb. .06½- —
tanks, same terms.....lb. .05 - —
Metronite pigment, 120 mesh, containers, extra, c.l., f.o.b. Milwaukee..ton. 9.00 - —
l.c.l., same basis.....ton.11.00 - —
180 mesh, containers extra, c.l., same basis..ton.11.00 - —
l.c.l., same basis.....ton.13.00 - —
250 mesh, containers, extra, c.l., same basis..ton.13.00 - —
l.c.l., same basis.....ton.15.00 - —
325 mesh, containers, extra, c.l., same basis..ton.15.00 - —
l.c.l., same basis.....ton.20.00 - —
Mica, dry grd., amber, No. 1 quality, bgs., extra and returnable, c.l., works..ton.30.00 - —
l.c.l., 5,000 lbs., works, ton.40.00 - —
1,000 lbs., works....lb. .02 - —
500 lbs., works....lb. .02½- —
100 lbs., works....lb. .03 - —
roofing, bgs., extra and returnable, c.l., works, ton.29.00 - —
l.c.l., 5,000 lbs., works, ton.30.00 - —
paint, bgs., extra and returnable, c.l., works, ton.55.00 - —
l.c.l., 5,000 lbs., works, ton.65.00 - —

Mica—Oil, Whale

Mica, dry-grd., white, No. 1, quality, bgs., extra and returnable, c.l., works..ton.35.00 - —
l.c.l., 5,000 lbs., works ton.45.00 - —
1,000 lbs., works..lb. .02½- —
500 lbs., works....lb. .03 - —
roofing, bgs., extra and returnable, c.l., works..ton.29.00 - —
l.c.l., 5,000 lbs, works, ton.39.00 - —
paint, bgs. extra and returnable, c.l., works..ton.60.00 - —
l.c.l., 5,000 lbs., works, ton.70.00 - —
wet-ground, paint or lacquer, bgs., c.l., dlvd. E.....lb. .04¼- —
l.c.l., 1,000 lbs., dlvd. E..lb. .04⅝- —
smaller lots, dlvd. E..lb. .05¼- —
100 lbs., works....lb. .03½- —
paper, wall or coated, bgs., c.l., frt. alld., E..lb. .04½- —
c.l., 1,000 lbs., frt. alld., E..lb. .04⅝- —
smaller lots, frt. alld., E..lb. .05½- —
rubber bgs., c.l., frt. alld. E. lb. .04 - —
l.c.l., 1,000 lbs., frt. alld., E..lb. .04½- —
smaller lots, frt. alld., E..lb. .05 - —

wet-ground mica prices are ½c. per pound higher on Pacific Coast.

Milk powder, skimmed roller, bbls., c.l..lb. .06 - —
l.c.l. .....lb. .07 - —
spray, bbls., c.l.....lb. .06½- —
l.c.l. .....lb. .07½- —
unskimmed, roller bbls., c.l.lb. .15½- —
l.c.l. .....lb. .16½- —
spray, bbls., c.l.....lb. .15½- —
l.c.l. .....lb. .16½- —
Millet seed, yellow, bgs.....lb. .03 - .03½
early fortune, bgs.....lb. .02 - .02¼
hulled, bgs.....lb. .05½- .06
Mineral spirits (see Petroleum thinner and V M & P, naphtha).
Molasses, blackstrap, tanks..gal. .06½- —
New Orleans.....gal. .06 - —
Molybdate orange (see Orange, molybdate).
Molybdenum metal, kgs., 99% powd..lb. 2.60 - 3.00
Monoamylamine, dms., c.l., wks., lb. .52 - —
l.c.l., works .....lb. .55 - —
Monobutylamine, dms., c.l., works..lb. .62 - —
l.c.l. .....lb. .65 - —
Monochlorobenzene, dms. .....lb. .06 - .08
Monoethanolamine, dms., c.l., works..lb. .24 - —
l.c.l., dms. .....lb. .25 - —
tanks .....lb. .23 - —
Monoethylaniliin, dms. .....lb. .77 Nom.
Monomethylamine, dms., c.l., dlvd..lb. .65 - —
l.c.l., dlvd.....lb. .70 - —
Monomethylpara-aminophenol sulphate, dms..lb. 3.75 - 4.00
Morphine, bots., 5 ozs.....oz.11.10 - —
cns., 25 ozs.....oz.10.90 - —
Acetate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Ethylhydrochloride, bots. 5 ozs., oz.10.75 - —
cns., 25 ozs.....oz.10.55 - —
Hydrobromide, bots., 5 ozs..oz. 8.95 - —
cns., 25 ozs.....oz. 8.75 - —
Sulphate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Morpholine, dms., 55 gal., l.c.l., works..lb. .75 - —
smaller containers, works....lb. 1.00 - —
Mullein flowers, cns.....lb. .80 - .85
Leaves, bls.....lb. .07 - .08
Musk, nat., Tonquin, grained, bots..oz.21.00 -22.00
pods, caddies, 20 ozs.....oz.19.00 -21.00
synth., ambrette, cns., 100 lbs. or more..lb. 3.25 - —
5 lbs. to 75 lbs.....lb. 3.50 - —
1 lb.....lb. 3.65 - —
ketone, cns., 100 lbs. or more. lb. 3.40 - —
5 lbs. to 75 lbs.....lb. 3.65 - —
1 lb.....lb. 3.80 - —
xylol, cns., 100 lbs. or more, lb. 1.00 - —
5 lbs. to 75 lbs.....lb. 1.10 - —
1 lb.....lb. 1.25 - —
Musk root, bls.....lb. .12 - .13
Mustard seed, Bombay, brown, bgs..lb. .04½- .05
California, brown, bgs.....lb. .06½- .07
Chinese, yellow, bgs.....lb. .05¾- .06¼
Danish, yellow, bgs.....lb. .08 - .08½
Dutch, yellow, bgs.....lb. .08 - .08½
English, yellow, bgs.....lb. .09 - .09½
Hungarian, yellow, bgs....lb. .08 - .08½
Roumanian, yellow, bgs....lb. .05¾- .06
Myrobalans, J1, bgs., shipt...ton.23.50 - —
J2, bgs., shipt.....ton.17.00 - —
R2, bgs., shipt.....ton.17.25 - —
Extract, liquid, 25%, bbls....lb. .03¾- .05¼
solid, 50% bbls.....lb. .04⅝- —
powdered, 70% bbls.....lb. .05¾- —

N

Naphtha, Painters' (see Petroleum naphtha. V. M. & P.).
Solvent (see S).
Naphthalene, crude, dom., 74 deg., bgs., bbls., wks., 100 lbs. 2.35 - 2.85
78 deg., bgs., bbls., wks., 100 lbs. 2.75 - 3.35
import, bgs., Atl. port.100 lbs. 1.85 - —
refined, balls or flakes, bbls., wholesalers and jobbers, f.o.b. works.....lb. .05¾- —
50-lb., cs., same basis..lb. .06 - —
pkgs. (16 oz.), same basis, lb. .06½- —
(12 oz.) same basis..pkg. .05½- —
Naphthalene, refined, chipped, crushed, bbls., same basis..lb. .05¼- — rice, cryst., powd., bbls., same basis..lb. .05¾- —
Nerolin, cryst., cns.....lb. 1.25 - 1.35
Nickel carbonate, bbls.....lb. .36 - .37½
Chloride, bbls.....lb. .18 - .20
Oxide, black, bbls.....lb. .35 - .38
Salt, bbls.....lb. .13 - .13¼
Nicotine sulphate, 40%, dms., works, frt. alld.lb. .70 - —
10-lb., tins.....lb. .86½- —
Nitereake, bulk, works.....ton.16.00 - —
Nitrobenzene, dbl. dist., dms., c.l..lb. .08 - —
l.c.l. .....lb. .09 - —
tanks .....lb. .07 - —
Nitrocellulose, alcohol-soluble, ½, and 40, sec. vis., bbls., works..lb. .28 - —
bronzing, 20, 40, 70 sec. vis., bbls., works..lb. .29 - —
Nitrocellulose, ester-soluble, ¼, ½, 5-6, 15-20 sec., bbls., c.l., dry weight, works, lb. .22 - —
l.c.l., ¼, ½, 5-6, 15-20 and higher vis., bbls., lb. .26 - —
ester-soluble, lacquer, 20-30 and 60-80 sec., vis., bbls., works..lb. .29 - —
Nitrocellulose prices are quoted on the basis of dry weight; denatured alcohol used in manufacture is charged extra. Barrels are to be paid for extra, but are returnable.
Nitrogen solution, 45½% ammom., tanks, f.o.b. Atlantic and Gulf ports..unit-ton. 1.04 - —
Nitrogenous fertilizer material, 8-11% ammon., dom., bulk., f.o.b. Carrolliville, Wis., dlvd.....unit-ton. 2.25 - —
f.o.b. Chemical, Ill., unit-ton. No prices
East Coast producing points..unit-ton. 2.60 - —
import, bgs., c.i.f. Atlantic ports, shipt..unit-ton. 2.50 - —
Nitronaphthalene, bbls.....lb. .24 - .25
Nutgalls, Aleppo, bgs., cs....lb. No prices
Chinese, shipt., cs.....lb. No prices
Extract (see Gall extract).
Nutmegs, 80s, bgs., cs.....lb. .19 - .19½
110s, bgs., cs.....lb. .17½- .18
West Indian, bgs.....lb. .11 - .11½
Nux vomica, bls.....lb. .03¾- .04
powd., bbls., bxs.....lb. .06 - .07

O

Oakbark extract, 25% tan., bbls., c.l. wks..lb. .03¼- —
l.c.l., bbls., wks.....lb. .03⅝- —
tanks .....lb. .02¾- —
Ocher (see Yellow).
Octanes, 100-140° C., mixed, dms., c.l., G.3..gal. .12½- —
l.c.l., G.3.....gal. .17 - —
tanks, G.3.....gal. .10¼- —
Octyl acetate, dms., c.l.,works.lb. .16 - —
l.c.l., works.....lb. .17 - —
tanks, works.....lb. .15 - —
Oil, almond, bitter, artif. (see Benzaldehyde).
natural, bots.....lb. 2.25 - 2.30
s.p.a., bots.....lb. 2.40 - 2.45
sweet, true, exp., cns.....lb. .65 - .68
Amber, crude, cns.....lb. .16 - .17
ref'd. cns.....lb. .50 - .51
Amyris, cns.....lb. 3.00 - 3.25
Angelica root, bots.....lb.45.00 -52.00
seed, bots.....lb.70.00 -80.00
Anilin (see A).
Anise, USP, cns., dms.....lb. .70 - .75
Apricot kernel, cns.....lb. .28 - .32
Babassu, tanks .....lb. .06½ Nom.
Bay, W. I., 50-55% phenols, cns..lb. 1.20 - 1.25
55-60% phenols, cns.....lb. 1.30 - 1.35
Bergamot, artif., cns.....lb. 1.25 - 1.30
natural, coppers .....lb. 3.65 - 3.95
Betula (see Oil, sweet birch).
Birch (see Oil, sweet birch).
Birch tar, crude, dms.....lb. .16 - .17
rectified, cns. .....lb. .60 - .65
Bois de rose, Brazil, cns....lb. 1.55 - 1.60
Cayenne, cns.....lb. 1.50 - 1.75
Cade, USP IX (see Oil, juniper tar).
Cajeput, tech., dms.....lb. .42 - .45
USP IX., cns. .....lb. .48 - .50
Calamus, cns.....lb. 3.60 - 4.25
Camphor, sassafrassy, cns...lb. .27 Nom.
dms. .....lb. .25 Nom.
white, cns.....lb. .27 Nom.
dms. .....lb. .25 Nom.
Cananga, native, cns.....lb. 1.25 - 1.30
rectified, cns.....lb. 1.80 - 1.85
Capsicum (oleoresin), N. F. VI, cns..lb. 2.00 - 2.05
Caraway, USP, cns.....lb. 1.80 - 1.85
Cardamom, bots. .....lb.15.00 -27.00
Cassia, USP, cns., dms.....lb. .95 - 1.00
Castor, blown, one-way dms., c.l..lb. .11¼- —
l.c.l. .....lb. .12 - —
Medicinal, bbls., c.l.....lb. .09¾- —
l.c.l. .....lb. .10½- —
cns. (1-gal.), l.c.l.....lb. .13½- —
dms. (returnable), c.l. ..lb. .09½- —
l.c.l. .....lb. .10¼- —
(5-gal.), l.c.l. .....lb. .11½- —
tanks .....lb. .09 - —
No. 3, bbls., c.l.....lb. .09¼- —
l.c.l. .....lb. .10 - —
dms. (returnable), c.l....lb. .09 - —
l.c.l. .....lb. .09¾- —
tanks .....lb. .08½- —

Castor oil, med. and No. 3 prices are dlvd. all points between N. Y. and Philadelphia, Albany, and N. E. States; Chicago c.l. prices ¾c. higher than N. Y.; l.c.l. prices ¾c. higher than N. Y.; one-way dms., ¼c. higher, all points.

sulphonated, 50% (48% fat), dms., c.l..lb. .06¼- .06¾
l.c.l. .....lb. .07¼- .08¾
75% (63% fat), dms., c.l..lb. .09 - .09¾
l.c.l. .....lb. .10 - .10¼
80% (68% fat), dms., c.l..lb. .09¼- .10¼
l.c.l .....lb. .10½- .11
Cedarleaf, cns. .....lb. .63 - .68
dms. .....lb. .56 - .58
Cedarwood, Oregon, cns., dms. lb. .28 - .30
Southern, cns., dms.....lb. .18½- .23
Celery, bots.....lb. 7.50 -12.50
Chaulmoogra, USP, cns., 500 lbs., lb. .72½- —
25 lbs. .....lb. .75 - —
Chinawood, dms.....lb. .14½- .15
tanks .....lb. .14 - .14½
Cinnamon, Ceylon, bots.....lb. 8.50 -22.00
Seychelle, bots. .....lb. 6.50 - 7.50
Citronella, Ceylon, cns.....lb. .35 - .35¼
dms. .....lb. .33 - .33½
Java, cns., dms.....lb. .37 - .39
Clove, makers, USP, cns.....lb. .98 - —
dms. .....lb. .95 - —
Coconut, Manila, crude, tanks, lb. .03½- —
Pac. Cst.....lb. .02⅞- .03
edible, 76°, tax incl., dms., (returnable), c.l..lb. .08¼- —
l.c.l. .....lb. .08¾- —
tanks .....lb. .07⅞- —
Cod, Newfoundland, shipt., tanked, bbls..gal. .35 Nom.
Norwegian, shipt., bbls...gal. .26 - .28
Codliver, med., U.S.P., Norwegian, bbls..bbl.26.00 -27.00
Coriander, bots.....lb.13.50 -20.00
Corn, crude, tanks, works....lb. .06⅝- .06⅝
refd., bbls. .....lb. .09¼- .09¾
Cottonseed, d o m., cooking, bbls..lb. .09¼- —
salad, bbls.....lb. .09½- —
import, Brazilian, semi-refd., dms..lb. .0475- —
Creosote (see C).
Croton, USP, cns.....lb. 1.30 - 1.35
Cubeb, USP, cns.....lb. 2.50 - 2.75
Crude (see Petroleum, crude).
Cumin, bots.....lb. 6.75 - 7.00
Cypress, dom., bots.....lb. 5.25 - 5.30
import, cns.....lb.12.00 -12.25
Degras (see D).
Diesel, Bayonne, bulk.....bbl. 1.75 - —
California, 24 plus, bulk..bbl. 1.55 - —
Dill seed, bots.....lb. 2.70 - 3.00
weed, bots.....lb. 3.75 - 3.80
Dip (see D).
Oil, erigeron, cns.....lb. 2.40 - 2.55
Eucalyptus, cns.....lb. .35 - .37
dms. .....lb. .33 - .35
Fennel, sweet, cns.....lb. 1.10 - 1.15
Fuel, bunker, California, tide-water..bbl. .90 - —
Gulf Coast.....bbl. .85 - .90
Louisiana, Arkansas, 10-14, bbl. .85 - 1.00
N. Y. and N. J. terminals:—
Monday .....bbl. .95 - —
Tuesday .....bbl. .95 - —
Wednesday .....bbl. .95 - —
Thursday .....bbl. .95 - —
Friday .....bbl. .95 - —
Saturday .....bbl. .95 - —
North Texas, 18-22.....bbl. .80 - .85
24-28, zero cold test.....bbl. 1.10 - 1.15
Oklahoma, 18-22.....bbl. .85 - .90
24-28, zero cold test.....bbl. 1.07½- 1.12½
24-28, 15 and above.....bbl. .90 - .95
Pennsylvania, 36-40.....gal. .04 - .04¼
Furnace, Bayonne, 1, bulk, re-finery..gal. .06 - —
2, bulk, same basis.....gal. .04½- —
4, bulk, same basis.....gal. .04⅝- —
Louisiana - Arkansas, 32 - 36, light straw..gal. .03¼- .03½
Oklahoma, 28-30.....gal. .03 - —
32-36 .....gal. .03⅝- .03½
36-38 .....gal. .03⅝- .03⅝
38-40, straw.....gal. .03⅝- .03⅝
38-40 zero, 60 e.p.....gal. .03⅝- .04
Fuel (see F).
Gas, Bayonne, bulk.....gal. .04¼- —
Gulf Coast, bulk.....gal. .03½- —
North Texas, bulk.....gal. .02⅝- .03
Oklahoma, bulk.....gal. .02⅝- .03
Gaultheria (see Oil, wintergreen leaf).
Geranium, Algerian, rose, cns. lb. 3.25 - 4.50
Bourbon, cns.....lb. 2.65 - 3.00
Turkish (see Palmarosa).
Grapefruit, cns.....lb. 1.90 - 2.00
Grapeseed, dms.....lb. .40 - .60
Ginger, dist., bots. .....lb. 5.35 - 5.50
Guaiac wood, concrete, bots.lb. 2.65 - 3.30
Haarlem, import., bots....gross 3.15 - 3.25
Halibut-liver, dms..... 1,000 A unit gal. .75 - 1.00
Hemlock, cns.....lb. .60 - .65
Juniper berry, USP, cns.....lb. 1.10 - 1.30
Wood, tech., cns.....lb. .45 - —
Juniper tar, USP XI, 1,000 lb. dms..lb. .39 - .40
cns. .....lb. .41 - .44
Lard, common, 1, bbls.....lb. .08½- —
2, bbls.....lb. .08¼- —
extra, bbls.....lb. .08¾- —
1, bbls.....lb. .08⅝- —
winter, strained, extra, bbls., lb. .09 - —
prime burning, bbls.....lb. .09¾- —
prime, ed., bbls.....lb. .11 - —
ined., bbls.....lb. .09½- —
Laurel, bots.....lb. 6.25 - 6.50
Lavandin, cns., 25 lbs.....lb. 1.95 - 2.05
Lavender flower, French, 50% ester, cns..lb. 4.50 - 4.75
38-42% ester, cns.....lb. 3.25 - 4.25
35-38% ester, cns.....lb. 2.75 - 3.00
30-32% ester, cns.....lb. 2.00 - 2.25
garden, cns. .....lb. .42 - .45
spike, Spanish, tech., cns..lb. 1.05 - 1.10
dms. .....lb. .95 - 1.10
Lemon, Calif., cns.....lb. 2.50 - —
Messina, coppers, cns.....lb. 3.05 - 4.00
Lemongrass, native, cns., dms., lb. .34 - .36
Lime, dist., Mexican, cns..lb. 3.35 - 3.50
West Indian, cns.....lb. 3.75 - 4.00
expressed, cns.....lb. 7.50 - 7.75
Linaloe wood, cns.....lb. 1.25 - 1.30
Linseed, boiled, bbls., c.l....lb. .0880- .0900
l.c.l., 5 or more.....lb. .0920- .0940
less than 5.....lb. .0960- .0980
tanks .....lb. .0820- .0840
double boiled, bbls., less than 5 lbs..lb. .0980- .1010
raw, bbls., c.l.....lb. .0840- .0860
l.c.l., 5 or more.....lb. .0880- .0900
less than 5.....lb. .0920- .0940
tanks .....lb. .0780- .0800
Lovage, bots.....lb.41.25 -60.00
Lubricating, at refinery (including U.S. tax 4c. per gal.):—
California, green, 70, 80, 100, vis., dms..gal. .20 - —
140 vis., dms.....gal. .25 - —
green, pale, 750, 900 vis., dms..gal. .26 - —
green, pale, red, 200, 300, 350, 400, 450, 500, 600, 700 vis., dms.....gal. .26 - —
Oklahoma, bright stocks, 100-110 D, color 4, 0-10 pour, tanks..gal. .18½- —
15-25 pour, tanks.gal. .17½- —
150-160 D, color, 4½, 0-10 pour, tanks..gal. .20 - —
15-25 pour, tanks.gal. .19 - —
150-160 E, color 5½, 15-25 pour, tanks..gal. .18½- —
190-200 D, color 4½, 15-25 pour, tanks..gal. .23 - —
200-210 E. 15-25 pour, tanks..gal. .22 - —
neutrals, 0-10 pour, 150 vis., 3 color, tanks... gal. .18 - —
150 vis., 3 color, tanks, gal. .14 - —
4 color, tanks.....gal. .13½- —
200 vis., 3 color, tanks, gal. .14½- —
4 color, tanks....gal. .14 - —
250 vis., 3 color, tanks, gal. .15½- —
4 color, tanks....gal. .15 - —
280 vis., 3 color, tanks, gal. .16½- —
4 color, tanks....gal. .16 - —
300 vis., 3½ color, tanks, gal. .17 - —
350 vis., same basis.gal. .17½- —
400 vis., same basis.gal. .18 - —
500 vis., same basis.gal. .18½- —
600 vis., same basis.gal. .19 - —

15-25 pour prices are ½c. per gallon higher than zero to 10° pour.

Penn., bright, 600 cold test, 10-15 pour, tanks..gal. .18 - —
cylinder, 600 fire, tanks, gal. .11½- —
600 flash, tanks.....gal. .14 - —
660 flash, tanks.....gal. .17 - —
cylinder, 600 fire, tanks.....gal. .12½- —
650 fire, tanks.....gal. .13½- —
Warren, E, amber, tanks, gal. .15 - —
neutral, 150 vis., 3 color, tanks..gal. .18 - —
180 vis., 3 color,tanks..gal. .18½- —
200 vis., 2 color,tanks..gal. .20 - —
spot, Penna., bright, bbls., c.l., f.a.s..gal. .24 - —
unfiltered, 600 s.r....bbls., f.a.s..gal. .20 - —
600 flash, s.r., bbls., c.l., gal. .22 - —
630 s.r., bbls., c.l., f.a.s. gal. .21 - —
Warren, E, bbls., c.l., f.a.s. gal. .21 - —
smaller lots, f.o.b..gal. .22 - —
Mace, dist., cns., dms.....lb. 1.20 - 1.25
Mandarin, superior, coppers..lb. 6.90 - 6.50
Oil, menhaden, crude, tanks., f.o.b. Balto..gal. .30 Nom.
refd., alkali, dms.....lb. .0730- .0750
tanks .....lb. .0670- —
blown, dms.....lb. .0730- .0750
kettle-bodied, dms.....lb. .0820- .0840
light, pressed, dms.....lb. .0670- .0690
tanks .....lb. .0681- —
Mineral, white (see Oil, white mineral).
Mustard, artif., USP, cns...lb. 1.65 - 1.70
dist., natural, bots.....lb. 8.50 - 9.00
expressed, bbls.....gal. .65½- .70
Neatsfoot, 20° cold test, bbls., lb. .15¼- —
extra, bbls.....lb. .08⅝- —
1, bbls.....lb. .08½- —
pure, bbls.....lb. .10¾- —
prime, bbls.....lb. .08⅝- —
sulphonated, common, 25% moisture, dms..lb. .10½- —
Neroli, bots.....lb.85.00 - 140.00
Nutmeg, USP, cns., dms....lb. 1.20 - 1.25
Oiticica, dms.....lb. .11 - .11½
Oleo, 1, bbls.....lb. .09 - —
2, bbls.....lb. .08¼- —
Olibanum, bots.....lb. 5.00 - 5.25
Olive, denat., bbls.....lb. .86 - .88
edible, bbls.....gal. 1.75 - 2.00
foots, bbls.....lb. .07 - .07¼
sulphonated, 50% (43% fat), dms., c.l..lb. .11½- .12
l.c.l. .....lb. .12½- .13
75% (63% fat), dms., c.l..lb. .13½- .14
l.c.l. .....lb. .14½- .15
80% (68% fat), dms., c.l..lb. .14½- .15
l.c.l. .....lb. .15½- .16
Orange sweet, dist., cs.....lb. .50 - —
expressed, A f r i c a n, cns., dms..lb. .80 - .85
Calif., cns.....lb. .65 - .75
Messina, USP, coppers.lb. 2.25 - 3.25
West India, cns.....lb. 1.90 - 2.00
Origanum, cns.....lb. .90 - 1.60
Orris, Florentine, concrete, extra strong bots..oz. 4.75 - 5.50
Palm, Niger, csks.....lb. .03⅜- .03¾
shipment .....lb. .03 - —
softs, 12½%, bulk, shipt....lb. .0280- —
20%, bulk, shipt.....lb. .0270- —
Sumatra, shipt., bulk.....lb. .02⅝ Nom.
Palmarosa, cns.....lb. 2.00 - 2.25
Palmkernel, bulk, shipt.....lb. .0325 Nom.
Paraffin, 320° flash, 60-70 vis., tanks, G. 3..gal. .05¼- —
330° flash, 70-80 vis., tanks, G. 3..gal. .05½- —
80-85 vis., bbls., extra, Ind. refy..gal. .12 - —
350° flash, 100-105 vis., bbls., extra, Ind. refy..gal. .14 - —
360° flash, 100-110 vis., tanks, G. 3..gal. .05⅜- —
Patchouli, bots., cns.....lb. 3.75 - 6.50
Peanut, crude, dom., tanks..lb. .06⅝- .06¾
refd., edible, bbls.....lb. .10 - .10¼
Pennyroyal, dom., cns.....lb. 1.40 - 1.45
import, cns.....lb. 1.50 - 1.75
Peppermint, natural, cns., dms., lb. 2.15 - 2.45
redist., USP, cns., dms.....lb. 2.35 - 2.65
Perilla, dms.....lb. .09¾- .10
tanks .....lb. .0920- .0940
Oil, petitgrain, Paraguay, cns..lb. .82½- .90
Pimento berry, cns.....lb. 3.35 - 3.65
leaf, cns.....lb. 2.30 - 2.40
Pine, dest.-dist., straw-color, dms., dlvd., E. ports....gal. .46 - .48
steam-dist., dms.....gal. .59 - —
tanks .....gal. .54 - —
Pineneedle, Siberian, cns.....lb. .95 - 1.00
Putty, bbls., El Segundo, Richmond, Cal..gal. .22½- —
contracts .....gal. .19½- —
Whiting, Ind.....gal. .25 - —
dms., c.l., Bost., Provid..gal. .25 - —
l.c.l., same basis.....gal. .27 - —
tanks, same basis.....gal. .18 - —
Martinez, Cal.....gal. .28 - —
Rapeseed, blown, bbls.....lb. .14 - .14½
denat., bbls.....gal. .80 - .82
Red, dist. or saponif. bbls., dlvd..lb. .08⅝ Nom.
dms., dlvd.....lb. .08¼ Nom.
tanks, dlvd.....lb. .07½ Nom.
white, dms.....lb. .11¼ Nom.
Rose, artif., bots.....oz. 2.00 - 8.00
natural, coppers.....oz. 5.25 -22.50
Rosemary, Spanish, cns.....lb. .56 - .75
dms. .....lb. .51 - .70
Rosin, 1st reactfd., dms.....gal. .45 - —
2d rectfd., dms.....gal. .47 - —
3d rectfd., dms.....gal. .51 - —
Rue, bots. .....lb. 3.50 - 3.75
Sage, cns.....lb. 1.50 - 1.55
Sandalwood, E.I., USP, cns..lb. 4.75 - 4.80
Sardine, crude, tanks, Pac. Cst. gal. .30 Nom.
refd., alkali, dms.....lb. .0730- .0750
tanks .....lb. .0670- —
kettle-bodied, dms. .....lb. .0820- .0840
light, pressed, dms.....lb. .0670- .0710
tanks .....lb. .0610- —
Sassafras, artif., cns.....lb. .36 - .37
dms. .....lb. .34 - .35
natural, cns., dms.....lb. .90 - 1.00
Savin, cns.....lb. 1.60 - 1.65
Savory, cns.....lb. 2.00 - 2.25
Sesame, refd., dms.....lb. .10½ Nom.
Shingle stain, bbls., c.l., wks. gal. .18 - —
l.c.l., works.....gal. .21 - —
tanks, works.....gal. .14 - —
Snakeroot, Canada, cns.....lb. 9.50 -10.00
Soybean, dom., crude, dms....lb. .0635- .0700
tanks .....lb. .05¾- .05¾
refd., dms.....lb. .0755- .0825
tanks .....lb. .0675- .0685
Spearmint, USP, cns.....lb. 1.70 - 1.75
Sperm, bleach, 38°, dms.....lb. .1000- .1020
45°, dms.....lb. .0930- .0950
natural, dms.....lb. .0880- .0900
Spruce, cns., dms.....lb. .60 - .65
Sweet, birch, North, cns....lb. 2.25 - 2.50
South, cns.....lb. 1.65 - 2.00
Tall, crude, dms., c.l., works, ton.45.00 - —
l.c.l., works.....ton.50.00 -65.00
tanks, works.....ton.35.00 - —
refined, dms., c.l., works...lb. .05½- —
l.c.l., works.....lb. .06 - —
tanks, works.....lb. .05 - —
Tallow, acidless, bbls.....lb. .08¼- —
tanks .....lb. .07¾- —
Tansy, cns. .....lb. 6.25 - 6.30
Tar, coml, dms., c.l., dlvd., E. cities..gal. .26 - —
E. ports.....gal. .25 - —
l.c.l. .....gal. .26 - —
tanks, dlvd. E. cities...gal. .20 - —
rectfd., USP, bbls., dlvd., E. ports..gal. .50 - —
Tar acid (see T).
Teaseed, crude, dms.....lb. .07½- .07¾
Tea Tree (see Oil, ti tree).
Thyme, NF, red, dms.....lb. .85 - 1.25
white, dms. .....lb. .85 - 1.45
Ti tree, cns.....lb. 2.75 - 3.10
Tung (see Oil, chinawood).
Turkey red (see Oil, castor, sulphonated).
Turpentine (see T).
Turtle, cns. .....gal. 4.25 - 5.00
Valerian, bots.....lb. 3.00 - 6.25
Vetiver, bots.....lb. 3.50 -15.00
Walnut, crude, dms.....lb. .13 - .13½
refd., dms. .....lb. .14 - .14½
Whale, refd., natural, dms....lb. .0770- .0790
winter, bleach, dms.....lb. .0810- .0830

Oil, wheat germ, phar., cns., dms.	gal.	22.50	-30.00
feedstuff, cns., dms	gal.	11.50	-25.00
White, mineral, doms., tech.,			
50-60 vis., dms	gal.	.42	- —
65-75 vis., dms	gal.	.44	- —
80-90 vis., dms	gal.	.45	- —
USP, 80-90 vis., dms	gal.	.49	- —
95-105 vis., dms	gal.	.57	- —
125-135 vis., dms	gal.	.64½	- —
140-150 vis., dms	gal.	.68	- —
175-185 vis., dms	gal.	.72½	- —
200-210 vis., dms	gal.	.74½	- —
320-330 vis., dms	gal.	.80½	- —
335-345 vis., dms	gal.	.82	- —
Russian, 80-90 vis., dms	gal.	.49	- —
145-155 vis., dms	gal.	.68	- —
175-185 vis., dms	gal.	.72½	- —
335-345 vis., dms	gal.	.82	- —
Wintergreen, natural, North, cns.	lb.	4.00	- 8.00
South, cns	lb.	3.06	- 3.75
synth (see Methyl salicylate).			
Wood (see Oil, chinawood).			
Wormseed, cns	lb.	2.30	- 2.35
Wormwood, cns	lb.	3.25	- 3.30
Ylang-ylang, Bourb., bots., cns.,	lb.	3.50	- 6.00
Manila, bots.	lb.	18.00	-24.00
Olivine, aggregate, c.l., mines,	ton.	5.00	- 8.00
Lumps, same basis	ton.	7.00	- —
Spalls, same basis	ton.	5.00	- —
ground, 200 mesh, c.l., mines,	ton	15.00	- —
20 mesh to dust	ton.	10.00	- —
Opium, USP, cns	lb.	11.50	-12.50
gran., cns.	lb.	12.50	-13.50
powd., cns.	lb.	12.50	-13.50
Orange, Lake, Persian, bbls	lb.	.30	- .45
Mineral, Amer., bbls., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts. in Ore. and Wash	lb.	.10¾	- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash	lb.	.11¼	- —
Colo., Mont., N. M., Wyo.	lb.	.11	- —
Other points	lb.	.10½	- —
smaller lots, dlvd., Ala., etc.	lb.	.11¼	- —
Ariz., etc.	lb.	.11¾	- —
Colo., Mont., N. M., Wyo.	lb.	.11½	- —
Other points	lb.	.11	- —
French, Tours, casks, ex dock,	lb.	.13½	- —
kgs., ex dock	lb.	.14½	- —
Molybdate, bbls	lb.	.31	- —
Toner, bbls	lb.	.80	- —
Orangeflower petals, cs	lb.	.33	- .35
Orange peel, bitter, bls	lb.	.08	- .09
sweet, bls.	lb.	.13	- .14
Orris root, Florentine, bgs	lb.	.10	- .11
fingers, cs	lb.	.85	- .90
powd., bbls., bxs	lb.	.12	- .13
Verona, bls	lb.	.09	- .10
powd., bxs., cs	lb.	.12	- .13
Orthoanisidin, bbls	lb.	.70	- .74
Orthochloroanilin, dms	lb.	.60	- .75
Orthochlorophenol, dms	lb.	.32	- —
Orthocresol, dms., c.l., works.	lb.	.16½	- —
l.c.l., same basis	lb.	.17½	- —
Orthodichlorobenzene, dms., c.l., works, frt. alld. E. of Rockies	lb.	.06	- —
Orthodichlorobenzene, l.c.l., same basis	lb.	.07	- —
100-lb. tins, same basis	lb.	.08	- —
50-lb. tins, same basis	lb.	.09	- —
tanks, same basis	lb.	.05½	- —
Orthodichlorobenzene prices west of Rockies 1c. per lb. higher.			
Orthonitroanilin, dms	lb.	.55	- —
Orthonitrochlorobenzene, dms	lb.	.15	- .18
Orthonitroparachlorophenol, cns.	lb.	.75	- —
Orthonitrotoluene, dms	lb.	.08	- —
Orthotoluenehydrochloride, dms.	lb.	.22	- —
Orthotoluene sulphonate, kgs.	lb.	2.00	- 2.05
Orthotoluidin, dms	lb.	.16	- —
Osage orange extract, cryst., bbls.,	lb.	.19	- —
liquid, 42°, bbls	lb.	.08	- —
51°, bbls	lb.	.09	- —
Oxyquinolin sulphate, cns., 100-lbs., works	lb.	3.50	- —
bots., cns., 1-50 lbs	lb.	3.65	- 4.00

P

Papain, powd., cs	lb.	1.15	- 1.20
Paprika, Hungarian, extra fancy, bgs.	lb.	.42	- .43
medium, bgs.	lb.	.42	- —
Spanish, extra fancy, cs	lb.	.50	Nom.
Para-aminoacetanilide, kgs.	lb.	.85	Nom.
Parachlorophenol, dms.	lb.	.45	- —
Paracymene, refd., dms	gal.	.75	- 1.25
Paradichlorobenzene, dms., c.l.	lb.	.11	- .12
l.c.l.	lb.	.12½	- .15½
Paraffin, crude, scale, white, 122-124 A.m.p., bgs., c.l., Okla., refy.	lb.	.02¼	- —
bbls., c.l., N. Y.	lb.	.0230	- —
124-126 A.m.p., bgs., c.l., Okla., refy.	lb.	.02¼	- —
bbls., c.l., N. Y.	lb.	2.35	- —
yellow, 124-126 A.m.p., bbls., c.l., N. Y.	lb.	.02¼	Nom.
fully refd., slabs, 123-125 A.m.p., bgs., c.l.	lb.	.03¾	- —
loose, c.l.	lb.	.0355	- —
125-127 A.m.p., bgs., c.l.	lb.	.0390	- —
loose, c.l.	lb.	.0370	- —
128-130 A.m.p., bgs. or loose, c.l.	lb.	.04	- —
131-133 A.m.p., bgs. or loose, c.l.	lb.	.0435	- —
133-135 A.m.p., bgs. or loose, c.l.	lb.	.0465	- —
135-137 A.m.p., bgs. or loose, c.l.	lb.	.0490	- —
138-140 A.m.p., bgs. or loose, c.l.	lb.	.0565	- —
143-145 A.m.p., bgs. or loose, c.l.	lb.	.0660	- —
151-153 A.m.p., bgs. or loose, c.l.	lb.	.08½	- —
refined paraffin prices in cases are ½c. lb. higher than bags price; solid in tankcars is .05c. lower.			
match. A.m.p. up to and incl. 110-112 bbls., c.l.	lb.	.02¼	- .02⅝
semirfd., solid, 122-124 A.m.p., bgs.	lb.	.02¼	Nom.
Paraformaldehyde, dms., 1,000 lbs. or more shipments, f.o.b. Perth Amboy, Philadelphia, or N. Y. C.	lb.	.34	- —
100 to 900 lbs. shipments, same basis	lb.	.35	- —
Paraldehyde, tech., 99%, 55 and 100 gal. dms., dlvd.	lb.	.16	- —
5 and 10 gal. dms., dlvd.,	lb.	.17	- —
USP, cs., cbys	lb.	.37	- .45
Paranitroanilin, kgs., works	lb.	.47	- —
Paranitrochlorobenzene, kgs.	lb.	.15	- —
Paranitrophenol, kgs.	lb.	.35	- —
Paranitrotoluene, kgs.	lb.	.35	- —
Paraphenylenediamine, bbls.	lb.	1.25	- 1.30
Paratoluenesulphonamide, bbls.	lb.	.70	- —
Paratoluidin, bbls.	lb.	.66	- —
Pareira brava root, bls.	lb.	.15	- .18
Paris green, dealer, dms., bbls., c.l., f.o.b. works frt. alld.,	lb.	.23	- .25
less car lot, same basis.	lb.	.24	- .26
Passion flower herb, bls.	lb.	.07	- .07½
Patchouli leaves, bls.	lb.	.18	- .20
Pellitory root, bls.	lb.	.16	- .17
Pennyroyal herb, bls.	lb.	.07	- .08
leaves, bls.	lb.	.14	- .15
Pentanes norm., 28-38°, dms., c.l., G.3.	gal.	.11½	- —
l.c.l., G.3	gal.	.16	- —
tanks, G.3	gal.	.08½	- —
laboratory grade, dms., c.l., G.3.	gal.	.14	- —
l.c.l., G.3	gal.	.25	- —
Pepper, black, Alleppy, bgs	lb.	.07½	- .08
Lampong, bgs.	lb.	.04¾	- .05
Tellicherry, bgs.	lb.	.08¾	- .09
Red, chillies, Japan, 1, bgs.	lb.	.22	- .22½
Mombassa, bgs	lb.	.22	- .23
White, Java, Muntok, bgs	lb.	.07¾	- .07¾
Saigon, bgs.	lb.	.07½	- .07¾
Peppermint leaves, dom., bls.	lb.	.23	- .24
import, bls.	lb.	.40	- .41
Peru, balsam, dms	lb.	.65	- .70
Petrolatum, amber, bbls., c.l.	lb.	.02¾	- .02¾
l.c.l.	lb.	.03¾	- .03¾
extra, bbls.	lb.	.02¾	- .03
l.c.l.	lb.	.03¾	- .04½
cream (see white, cream).			
green (see red).			
red, veterinary, bbls., c.l.	lb.	.02½	- —
l.c.l.	lb.	.05¾	- .06½
lily, bbls., c.l.	lb.	.05¼	- —
l.c.l.	lb.	.06¾	- .07½
snow, bbls., c.l.	lb.	.06¼	- —
l.c.l.	lb.	.07¾	- .08¼
Petroleum, crude, bulk, at wells:—			
California:—			
Alamitos Heights	bbl.	.74	- .95
Athens	bbl.	.84	- 1.00
Belridge	bbl.	.70	- 1.32
Buena Vista Hills	bbl.	.70	- 1.38
Canal-Greely	bbl.	.91	- 1.68
Coalinga	bbl.	.70	- .90
Coyote Hills (West)	bbl.	.78	- 1.32
Dominguez	bbl.	.79	- 1.00
East Coyote	bbl.	.76	- .96
Elk Hills	bbl.	.70	- 1.38
Elwood Terrace, f.o.b. ship.,	bbl.	1.28	- 1.43
El Segundo	bbl.	.80	- 1.21
Huntington Beach	bbl.	.78	- 1.23
Inglewood	bbl.	.79	- 1.27
Kern Front	bbl.	.70	- —
Kern River	bbl.	.70	- —
Kettleman Hills	bbl.	1.19	- 1.48
La Habra	bbl.	.76	- .96
Lakeview	bbl.	.70	- 1.38
Lost Hills	bbl.	.70	- 1.18
McKittrick	bbl.	.70	- —
Midway-Sunset (except Lakeview)	bbl.	.70	- 1.38
Montebello	bbl.	.77	- 1.43
Mt. Poso	bbl.	.70	- —
Mountain View	bbl.	.70	- 1.20
Newhall	bbl.	.70	- —
Orcutt	bbl.	.70	- .93
Olinda Brea	bbl.	.76	- 1.27
Playa del Rey, f.o.b. pipe-line	bbl.	.80	- 1.16
Richfield	bbl.	.76	- 1.09
Rosecrans	bbl.	.84	- 1.66
Round Mt.	bbl.	.70	- —
Santa Fe Springs	bbl.	.78	- 1.42
Santa Maria	bbl.	.63	- .70
Santa Paula	bbl.	.70	- 1.01
Seal Beach	bbl.	.79	- 1.19
Signal Hill	bbl.	.80	- 1.21
Torrence	bbl.	.80	- 1.05
Wheeler Ridge	bbl.	.70	- .83
Whittier	bbl.	.76	- .96
Wilmington	bbl.	.75	- 1.21
Canada:—			
Oil Springs	bbl.	1.97	- —
Petrolia	bbl.	1.90	- —
Central West:—			
Illinois	bbl.	1.05	- —
Lima	bbl.	.90	- —
Midland (Mich.)	bbl.	1.12	- —
Princeton	bbl.	1.05	- —
East Texas	bbl.	1.10	- —
Gulf Coast:—			
Barber's Hill	bbl.	.79	- 1.16
Batson	bbl.	.74	- 1.04
Dayton	bbl.	.95	- 1.41
Esperson	bbl.	.79	- 1.16
Goose Creek	bbl.	.79	- 1.28
Hull	bbl.	.74	- 1.04
Humble	bbl.	.74	- 1.04
Liberty	bbl.	.79	- 1.16
Markham	bbl.	.90	- 1.29
Orange	bbl.	.79	- 1.16
Pettus	bbl.	1.29	- —
Pierce Junction	bbl.	.95	- 1.41
Refugio (incl. Greta, Taft, Saxet)	bbl.	.79	- 1.38
Saratoga	bbl.	.74	- 1.04
Sour Lake	bbl.	.74	- 1.04
Spindle Top	bbl.	.74	- 1.04
Sugarland	bbl.	.79	- 1.28
West Columbia	bbl.	.79	- 1.28
Kentucky, Tennessee:—			
Big Sandy river	bbl.	1.12	- —
Kentucky river	bbl.	1.20	- —
Western Kentucky (Owensboro)	bbl.	1.10	- —
Louisiana, Arkansas:—			
Bull Bayou	bbl.	.73	- 1.05
Caddo	bbl.	.73	- 1.05
Cameron Meadows	bbl.	.74	- 1.13
Choctaw	bbl.	.74	- 1.20
Cotton Valley	bbl.	.73	- 1.05
Darrow	bbl.	.74	- 1.20
De Soto	bbl.	.73	- 1.05
El Dorado	bbl.	.73	- 1.05
Haynesville	bbl.	.73	- 1.05
Homer	bbl.	.73	- 1.05
Iowa	bbl.	.74	- 1.13
Lockport	bbl.	.74	- 1.13
Miller County	bbl.	.73	- 1.05
Pine Island	bbl.	.73	- 1.05
Rainbow	bbl.	.73	- 1.05
Rodessa	bbl.	.73	- 1.05
Smackover	bbl.	.73	- —
Tepetate	bbl.	1.03	- —
Urania	bbl.	.89	- —
Mexico, f.o.b. terminals Mexican ports—based on contract:—			
Panuco	bbl.	No prices	
Tuxpan	bbl.	No prices	
Midcontinent:—			
North Texas	bbl.	.63	- 1.10
Oklahoma-Kansas	bbl.	.63	- 1.10
Altus, Tipton (Okla.),	bbl.	.90	- 1.20
Pennsylvania, Ohio West Virginia:—			
Bradford-Allegany	bbl.	1.68	- —
Corning	bbl.	.97	- —
Pennsylvania grade, in Buckeye lines.	bbl.	1.18	- —
Eureka lines	bbl.	1.28	- —
N. Y. Transit lines.	bbl.	1.68	- —
S. W. Penn. lines.	bbl.	1.34	- —
lower district in National Transit lines.	bbl.	1.56	- 1.61
Rocky Mountain:—			
Big Muddy	bbl.	.93	- —
Canon City-Florence	bbl.	.90	- —
Cat Creek	bbl.	1.10	- —
Dutton Creek	bbl.	.86	- 1.10
Elk Basin	bbl.	.90	- —
Fort Collins-Wellington.	bbl.	.81	- 1.05
Frannie, light	bbl.	.45	- .52
Grass Creek, light	bbl.	.90	- —
Iles	bbl.	.92	- .98
Petroleum, crude, bulk, at wells, Rocky Mountains (Cont.):—			
Lance Creek	bbl.	.77	- —
Lander	bbl.	.51½	- —
Midway	bbl.	.86	- 1.10
Rock Creek	bbl.	1.00	- —
Salt Creek	bbl.	.86	- 1.10
Sunburst	bbl.	1.20	- —
Torchlight	bbl.	1.30	- —
South, Central and Southwestern Texas:—			
Cass County	bbl.	.73	- 1.05
Cleveland-Liberty	bbl.	1.14	- —
Conroe	bbl.	1.27	- —
Darst Creek	bbl.	.98	- —
Hardin-Liberty	bbl.	1.00	- 1.02
Luling	bbl.	.87	- —
Lytton Springs	bbl.	.99	- —
Mirando (incl. Duval)	bbl.	.74	- 1.33
Panola County	bbl.	.73	- 1.03
Salt Flat	bbl.	.96	- —
Tomball	bbl.	.95	- 1.41
Van	bbl.	.93	- —
West Beaumont	bbl.	.79	- 1.28
Texas Panhandle:—			
Carson-Hutchinson counties,	bbl.	.67	- 1.01
Gray County	bbl.	.72	- 1.06
West Texas:—			
Artesia, N. M.	bbl.	.61	- .85
Crane	bbl.	.53	- .95
Crockett	bbl.	.53	- .95
Ector	bbl.	.53	- .95
Eddy (N. M.)	bbl.	.77	- —
Howard	bbl.	.53	- .93
Jackson, N. M.	bbl.	.61	- .85
Lea, N. M.	bbl.	.53	- .95
Mallamar, N. M.	bbl.	.61	- .85
Mitchell	bbl.	.63	- .95
Pecos	bbl.	.65	- .87
Upton	bbl.	.53	- .95
Winkler	bbl.	.53	- .95
Ether, 30-60°, dms., c.l., G. 3,	gal.	.14	- —
l.c.l., G. 3	gal.	.25	- —
tanks, G.3	gal.	.13	- —
35-60°, dms., l.c.l., G.3	gal.	.30	- —
40-75°, dms., c.l., G.3	gal.	.14	- —
l.c.l., G.3	gal.	.25	- —
tanks, G.3	gal.	.13	- —
laboratory grade, dms., c.l., G.3.	gal.	.14	- —
c.l., G.3	gal.	.25	- —
10-gal. lots, G.3	gal.	.50	- —
Lacquer, diluent, at refinery:—			
California, 100 l.b.p., 200 e.p., tanks, delvd. Los Angeles.	gal.	.11	- —
San Francisco.	gal.	.11½	- —
f.o.b. Richmond	gal.	.11	- —
Willbridge, Ore., Pt. Wells, Wash.	gal.	.12	- —
East Coast, tanks	gal.	.12	- .12½
Group 3, tanks	gal.	.07¾	- .07¾
Naphtha, cleaners', at refinery:—			
East Coast, tanks	gal.	.10	- —
Group 3, tanks	gal.	.06¾	- .06¾
tankwagon, Boston, ex tax,	gal.	.13	- —
Bridgeport	gal.	.13½	- —
Chicago, inc. 4c. tax.	gal.	.17½	- —
Decatur, inc. 4c. tax.	gal.	.194	- —
Des Moines, inc. 4c. tax.	gal.	.192	- —
Evansville, inc. ex tax.	gal.	.14½	- .15½
Milwaukee, inc. 5c. tax,	gal.	.206	- —
Minneapolis-St. Paul, inc. 5c. tax.	gal.	.208	- —
Newark, ex tax	gal.	.12	- —
New York, ex tax	gal.	.12	- —
Omaha, ex tax	gal.	.144	- .154
Oklahoma City, ex tax.	gal.	.16	- —
Philadelphia, ex tax	gal.	.11½	- —
St. Louis, inc. 1c. tax.	gal.	.15	- —
Syracuse, 150 gals	gal.	.14	- —
smaller lots, galv. drums,	gal.	.16	- —
milk cans.	gal.	.21	- —
high-solvency aromatic, No. 1, over 70% arom., tanks, f.o.b. Bayway	gal.	.16	- —
2, over 90% arom., same basis.	gal.	.18	- —
3, tanks, f.o.b. Bayway.	gal.	.18	- —
3, tanks, f.o.b. Paulsboro, N. J.	gal.	.14	- —
30, same basis	gal.	.16	- —
40, same basis	gal.	.14½	- —
V. m. & p., at refinery:—			
California, 46.5, 254 l.b.p., 350 e.p., tanks, f.o.b.			
El Segundo.	gal.	.11	- —
Richmond.	gal.	.11½	- —
Willbridge, Ore., Pt. Wells, Wash.	gal.	.12	- —
54-57, 190 l.b.p., 310 e.p. tanks, dlvd. Los Angeles.	gal.	.10	- —
San Francisco.	gal.	.10¾	- —
Portland, Seattle	gal.	.11	- —
East Coast, tanks	gal.	.06½	- —
Group 3, tanks	gal.	.06¾	- .09¾
tankwagon, Boston, ex tax	gal.	.13	- .14
Chicago, inc. 4c. tax.	gal.	.16½	- —
Decatur, inc. 4c. tax.	gal.	.194	- —
Des Moines, inc. 4c. tax.	gal.	.192	- —
Evansville, Ind., ex tax.	gal.	.147	- .157
Milwaukee, inc. 5c. tax.	gal.	.206	- —
Minneapolis-St. Paul, inc. 5c. tax.	gal.	.208	- —
Newark, ex tax	gal.	.11	- —
New York, ex tax	gal.	.10½	- .11
Omaha, ex tax	gal.	.144	- .154
Philadelphia, ex tax.	gal.	.12½	- —
St. Louis, inc. 1c. tax.	gal.	.16	- —
Solvent, rubber, at refinery, East Coast, tanks.	gal.	.09½	- .10
Group 3, light, 120 l.b.p., 250 e.p., tanks.	gal.	.06¾	- .09¾
standard, 180 l.b.p., 288 e.p., tanks.	gal.	.06¾	- .09¾
Stoddard (CS 3-38), at refinery:—			
East Coast, tanks	gal.	.10	- —
Group 3, tanks	gal.	.05¾	- .09½
tankwagon, Boston, ex tax,	gal.	.12½	- .13½
Chicago, inc. 4c. tax.	gal.	.159	- —
Decatur, inc. 4c. tax.	gal.	.184	- —
Des Moines, inc. 4c. tax.	gal.	.182	- —
Evansville, Ind., ex tax.	gal.	.135	- .145
Milwaukee, inc. 5c. tax.	gal.	.196	- —
Minneapolis-St. Paul, inc. 5c. tax.	gal.	.177	- —
Newark, ex tax	gal.	.09½	- .11½
New Orleans, ex tax	gal.	.11	- —
New York, ex tax	gal.	.09½	- .11½
Omaha	gal.	.131	- .14
Philadelphia, ex tax	gal.	.10½	- .12½
St. Louis, inc. 1c. tax.	gal.	.139	- —
Tulsa, ex tax	gal.	.10	- .11
Thinners, at refinery:—			
California, 34, 225 l.b.p., 390 e.p., low anilin, 6,000 gal. tanks or transport trucks f.o.b. Los Angeles.	gal.	.15	- —
Portland, Ore	gal.	.16	- —
Richmond	gal.	.14½	- —
Seattle, Wash.	gal.	.16½	- —
44, 311 l.b.p., 385 e.p., tanks, f.o.b. Point Wells, Wash.; Willbridge, Ore.,	gal.	.10½	- —
Richmond	gal.	.10	- —
Southern Calif.	gal.	.09½	- —

Oil Wheat Germ—Potash

Petroleum, thinner, at rfy., Calif., 66, 200 l.b.p., 300 e.p., tanks, f.o.b. El Segundo.	gal.	.11	- —
Portland, Ore	gal.	.12	- —
Richmond	gal.	.11¼	- —
Seattle, Wash.	gal.	.12	- —
East Coast, 43-47, tanks.	gal.	.09¼	- .10
47-49, tanks	gal.	.09½	- .10
New Jersey, tanks	gal.	.08½	- —
Group 3, tanks	gal.	.05¾	- .05¾
tankwagon, tax included:—			
Albany	gal.	.13	- —
Baltimore (100 gals.)	gal.	.12½	- .15½
25-99 gals	gal.	.13½	- .15½
Boston	gal.	.12½	- .13½
Bound Brook, North Amboy, N. J.	gal.	.11½	- .13½
Bridgeport, Conn	gal.	.11½	- —
Buffalo	gal.	.12½	- —
Camden, N. J	gal.	.10	- .12
Chicago	gal.	.162	- —
Decatur, Ill	gal.	.184	- —
Des Moines	gal.	.182	- —
Evansville, Ind	gal.	.137	- .147
Milwaukee	gal.	.196	- —
Minneapolis-St. Paul	gal.	.198	- —
Newark	gal.	.09	- —
New York (200 gals)	gal.	.09¼	- .11
Omaha	gal.	.131	- .141
Philadelphia	gal.	.10	- —
Pittsburgh	gal.	.12	- .14
Providence	gal.	.12¼	- .13½
Rochester	gal.	.12	- —
St. Louis	gal.	.15	- —
Syracuse	gal.	.14	- —
Trenton	gal.	.11¼	- .14
Wilmington, Del	gal.	.11¼	- .13½
Phenobarbital, bots., 5 lbs	lb.	4.35	- —
bots. or cns., spot or contract, 100 lbs.	lb.	4.00	- —
cns., 25 lbs.	lb.	4.25	- —
Phenol, USP, dms., c.l., works, frt. equald.	lb.	.14½	- .15½
l.c.l., same basis	lb.	.15¼	- .16¼
under 1,000 lbs	lb.	.16¼	- .17¼
tanks, works	lb.	.12½	- —
Phenolphthalein, USP, bbls., dms., 2,000-lb. lots.	lb.	.85	- —
bbls., dms., kegs, 100-250 lbs.,	lb.	.87	- .89
Yellow, fib., dms., 2000-lb. lots.,	lb.	.80	- —
100-lb. fib., dms.	lb.	.82	- —
25-lb. dms.	lb.	.87	- —
50-lb. kgs.	lb.	.84	- —
Phenyl chloride, dms.	lb.	.17	- —
Phenylacetaldehyde, bots.	lb.	2.25	- 3.50
Dimethylacetate, cns.	lb.	14.50	-15.00
Phenylethylphenyl acetate, bots.,	lb.	7.90	-15.50
Phenylhydrazine base, CP, bots.,	lb.	4.00	- —
Hydrochloride, CP, bots., works.	lb.	4.00	- —
commercial, kgs., works.	lb.	1.50	- —
pure, bbls., works	lb.	2.25	- —
Phloroglucinol, CP, tins, works.	lb.	20.00	-22.00
tech., tins, works	lb.	15.00	-16.50
Phosphate rock, Fla., high-grade, hard, 77% basis, 76% min., bulk, mines.	long ton.	4.35	- —
land pebble, 68% min., bulk, mines.	long ton.	1.85	- —
70% min., bulk, mines,	long ton.	2.35	- —
72% min., bulk, mines.	long ton.	2.85	- —
75% basis, 74% min., bulk mines.	long ton.	3.85	- —
Tenn., 72% bulk, mines, long	ton.	4.50	- —
75% bulk, mines.	long ton.	5.50	- —
Phosphorus, red, cs.	lb.	.40	- .44
Yellow, cs.	lb.	.24	- .30
oxychloride, cyls.	lb.	.15	- .18
Pentoxide, dms., c.l., works,	lb.	.12	- —
Sesquisulphide, cs.	lb.	.38	- .42
Trichloride, cyls.	lb.	.15	- .16
Phthalamide, bbls., tons	lb.	.35	- —
single bbls.	lb.	.40	- —
kgs.	lb.	.45	- .50
Phthalic anhydride, bbls., c.l., works, frt. alld. E. of Miss. R.	lb.	.14½	- —
l.c.l., same basis	lb.	.15½	- —
Pichi leaves, bgs.	lb.	.14	Nom.
Pilocarpine hydrochloride, bots, vis.	oz.	2.40	- 2.50
Nitrate, bots., vis	oz.	2.90	- 3.00
Pimento, bgs.	lb.	.14	- .14½
Pinkroot, bls.	lb.	.35	- .36
Pitch, Burgundy (see B).			
Coaltar, 160° m.p., bbls., c.l., works.	ton.	19.00	- —
l.c.l.	ton.	22.00	- —
hardwood, 1-time, dms., c.l., dlvd. Akron.	ton.	23.75	-24.00
linseed, dms.	lb.	.05	- .05¼
Petroleum (see Asphaltum, Mexican, Texas).			
Pine, bbls.	lb.	6.00	- 6.25
Plaster of paris (see Gypsum).			
Pleurisy root, bls.	lb.	.11	- .12
Podophyllin, dms., dlvd., E. of Miss.	lb.	4.50	- 4.70
Poke root, bls.	lb.	.07½	- .08
Pomegranate bark, bgs.	lb.	.16	- .17
Root bark, bgs.	lb.	.35	- .36
Poppy flowers, red, bls.	lb.	.55	- .70
Seed, Dutch, bgs.	lb.	.0730	- .0760
Polish, bgs.	lb.	.0725	- .0760
Potash abietate	lb.	.09	- —
Acetate, tech., bbls., dlvd.	lb.	.26	- —
kgs., dlvd.	lb.	.28	- —
USP, bbls., 250 lbs.	lb.	.28	- —
kgs., 100 lbs.	lb.	.30	- —
cns., 25 lbs.	lb.	.33	- —
Arsenite, USP, solut., cbys., 100 lbs.	lb.	.11	- —
demj., 50 lbs.	lb.	.12	- —
Bicarbonate, USP, cryst., bbls., 300 lbs.	lb.	.15	- —
kgs., 100 lbs.	lb.	.17	- —
gran., bbls., 250 lbs.	lb.	.15	- —
kgs., 100 lbs.	lb.	.17	- —
Bichromate, spot, c.l., works.	lb.	.08¾	- —
6 casks or 10 bbls., or over, works.	lb.	.09	- —
5 casks or 9 bbls., or less, works.	lb.	.09¼	- —
Bromide, USP., gran., bbls., 500 lbs.	lb.	.31	- —
fib., dms., 100 lbs.	lb.	.32	- —
Carbonate, calc., dms., c.l., works.	lb.	.06¼	- —
l.c.l., same basis	lb.	.06¾	- —
hydrated, 82-85%, bbls., c.l., works.	lb.	.06¼	- —
l.c.l., same basis	lb.	.05¾	- —
liquid, dms., c.l., dlvd.	lb.	.08	- —
l.c.l., dms.	lb.	.03½	- —
tanks, dlvd.	lb.	.02¾	- —
USP, gran., bbls., 325 lbs.	lb.	.14	- —
powd., bbls., 325 lbs.	lb.	.19	- —
kgs., 100 lbs.	lb.	.21	- —
Caustic, flake, 88-92%, dom., dms., c.l., works.	lb.	.07	- —
l.c.l.	lb.	.07¼	- .07½
Import, dms.	lb.	.07	- .07½
liquid, 45% basis, dms.	lb.	.03½	- .03¾
tanks	lb.	.02¾	- —
solid, 88-92%, dom., dms., c.l., works.	lb.	.06¼	- —
l.c.l.	lb.	.06¼	- .06¾
import, dms.	lb.	.06¼	- .06¾
Chlorate, cryst., kgs.	lb.	.09¼	- .09¾
gran., kgs.	lb.	.12	- .13
powd., kgs.	lb.	.09¼	- .09

Potash Chlor.—Soda Carbonate

Potash, chloride, tech., 98%, cryst., bgs., kgs..lb. .04 - .06
Chromate, kgs.....lb. .34 - .37
Citrate, USP, gran., bbls., 250 lbs..lb. .23½ - —
kgs., 100 lbs.....lb. .24½ - —
cns., 50 lbs.....lb. .25½ - —
cns., 25 lbs.....lb. .27½ - .28½
Cyanide, cns., dms.....lb. .50 - .55
Glycerophosphate, 75%, sol., dms., 1,000-lb. lots....lb. .90 - —
100-lb. lots.....lb. 1.00 - —
50-lb. lots, cbys. or cns. lb. 1.05 - —
25-lb. lots, cns.....lb. 1.15 - —
Guaiacolsulphonate, fib., dms.. 100 lbs. 1.60 - 1.65
cns., 25 lbs.....lb. 1.75 - —
Hydroxide, USP, sticks, cns... 100 lbs. .30½ - .32
Hypophosphite, cns., 100 lbs., lb. .72 - —
25 to 50 lbs.....lb. .75 - —
Iodate, bots., 5 lbs.....lb. 3.31 - 3.35
cns., 25 lbs.....lb. 3.20 - —
Iodide, bbls., 250 lbs.....lb. 1.13 - —
bots., cr cns.....lb. 1.22 - 1.48
dms. .....lb. 1.13 - 1.16
Kainit, 20% K_2O, bulk, c.l.f., ports..ton.12.26 - —
Manure salt, dom., run of mine, approx. 30%, K_2O, bulk, c.i.f. ports.....unit-ton. .58½ - —
import, 30%, K_2O, bulk, shipt. unit-ton. .58½ - —
Metabisulphite, kgs.....lb. .12 - .13½
Muriate, dom., all strengths, min., 50% K_2O bulk, unit-ton. .53½ - —
Import, all strngths, min. 80% KCl, basis 50% K_2O, bulk, c.i.f. ports.. unit-ton. .53½ - —
Potash muriate prices in bags are $2 per ton higher than bulk price.
Oxalate, pure, cryst., kgs....lb. .20 - .21
tech., bbls.....lb. .35 - .36
Nitrate, crude, bgs., c.i.f. ports. ton.55.00 Nom.
Perchlorate, kgs., works.....lb. .09 - .10½
Permanganate, tech., dms....lb. .18½ - .19
Prussiate, red, bbls.....lb. .30½ - .34
Yellow, bbls. .....lb. .15 - .16
Ricinoleate, tech., bbls.....lb. .13 - —
Silicate alkaline, lump, bgs., lb. .07 - —
Sulphate, NF, cryst., bbls., 400 lbs..lb. .13 - —
kgs., 100 lbs.....lb. .15 - —
powd., bbls., 350 lbs.....lb. .14 - —
kgs., 100 lbs.....lb. .16 - —
tech., 90-95%, min. 90%, bgs., shipt., c.i.f. ports..ton.33.00 - —
l.c.l. .....lb. .13½ - —
Xanthate, dms., c.l. .....lb. .13 - —
Potash-magnesia sulphate, 48-53%, min. 48%, bgs., shipa. ton.25.75 - —
Potash-titanium oxalate, kgs...lb. .35 - .40
Prickly ash bark, bls.....lb. .12 - .13
Berries, bls. .....lb. .20 - .24
Prince's pine herb, bls.....lb. .21 - .22
Propane, tanks, G.S.....gal. .08 - —
Psyllium seed (see Fleaseed).
Pulsatilla, bls. .....lb. .17 - .18
Pumice stone, Italian, Amer.-grd., 4F, 3F, 2F, 1½F, and coarser, bbls., 3 or over, works..lb. .03 - —
less than 3, works..lb. .03½ - —
F and 1, bbls., 3 or over, works..lb. .03½ - —
less than 3, works..lb. .04 - —
O, O-½, O-¾, and ½, bbls., less than 3, works..lb. .04½ - —
3 or over, works...lb. .04 - —
Ital-grd., bgs., c.l., shipt. ex dock, N.Y. ton.32.85 Nom.
l.c.l., 5-20 tons, ex whse., ton.37.70 - —
1,000-10,000 lbs., ex whse..ton.38.70 - —
2 bgs. to 1,000 lbs., ex whse..ton.40.70 - —
single bgs., ex whse.ton.45.70 - —
Pumpkin seed, bgs.....lb. .10 - .12
Purple lake (see Red).
Putty, com'l, dms.....100 lbs. 3.00 - —
linseed oil, raw, dms....100 lbs. 4.50 - —
refined, dms.....100 lbs. 5.00 - —
standard, dms.....100 lbs. 3.95 - —
Pyrethrum concentrate, liq. (20 to 1), basis 2.4% pyrethrum (Seil test) 55-gal. dms. (incl.) frt. alld.. E. of Rockies, standard brand..gal. 5.95 - —
basis (30 to 1) 3.6% pyrethrine 55-gal. dms., (incl.) frt. alld. E. of Rockies, standard brand..gal. 8.90 - —
Pyrethrum, flowers, coarse, grnd. (g.d.p.), Japan, bgs., frt. alld., 15 tons or over..lb. .26 - .27
fine powd. Japan, bbls., ton lots frt. alld..lb. .27 - .28
Pyridin, denaturing, dms....gal. 1.53 - —
refd., 2°, dms. .....lb. .45 - —
Pyrites, Spanish, bulk, c.i.f. Alt. ports..unit-ton. .12-13 Nom.
Pyrocatechin, CP, cryst, works, fib, dms., tins..lb. 2.15 - 2.40
resublimed, fib. dms., tins..lb. 4.60 - —
Pyrophyllite, standard, 200 mesh, c.l. mines..ton. 9.00 - —
325 mesh, same basis.....ton.12.00 - —
No. 3, 200 mesh, c.l. mines. ton. 7.50 - —
325 mesh, same basis.....ton.10.50 - —
Pyroxlin, scrap, amber, cs., works..lb. .12 - —
black, cs., works.....lb. .10 - —
China white, ivory, cs., works..lb. .15 - —
dense white, cs., works..lb. .10 - —
gray, cs., works.....lb. .08 - —
mixed, mottles, opaque, cs., works..lb. .04 - —
shell-demi, cs., works.....lb. .12 - —
translucent pastels, cs., works..lb. .10 - —
transparent, cs., works...lb. .20 - —
colors, cs., works....lb. .12 - —
shavings, amber, cs., works..lb. .16 - —
colors, mixed, cs., works.lb. .10 - —
white, cs., works.....lb. .15 - —

Q

Quassia chips, bls.....lb. .05 - .06
Quebracho extract, liquid, 55% tan, bbls., works..lb. .03½ - —
tanks, works.....lb. .02½ - —
Quebracho, extr., solid, 63%, bgs., c.l., ex dock, plus duty..lb. .04 - —
clarified, 64%, bgs., c.l., same basis..lb. .04½ - —
Queen of the meadow leaves, bgs..lb. .07 - .08
Root, bgs.....lb. .09 - .10
Quercitron, extract, liquid, 51°, bbls..lb. .07½ - .08½
solid, dms.....lb. .10 - .15½
Quicksilver, dom., flasks, (76 lbs. net), dlvd., N.Y..flask.77.00 -80.00
import, flasks, (76 lbs. net) in bond..flask.64.00 - —
Quince seed, bgs.....lb. .80 - 1.00
Quinidine, cryst., small, cns...oz. .90 - —
large, cns. .....oz. .98 - —
powd., precip., cans.....oz. .91 - —
Sulphate, cns. .....oz. .67 - —
Quinine, 100 ozs., cns.....oz. .76 - —
Acetate, cns.....oz. .99 - —
Arsenate, cns. .....oz. .99 - —
Arsenite, cns. .....oz. 1.01 - —
Bisulphate, cns. .....oz. .54 - —
Citrate, cns. .....oz. .72 - —
Dihydrobromide, bots.....oz. .75 - —
Dihydrochloride, bots.....oz. .75 - —
Ethylcarbonate, cns.....oz. .75 - —
Ferrocyanide, cns. .....oz. 1.01 - —
Formate, cns. .....oz. .94 - —
Glycerophosphate, cns.....oz. 1.14 - —
Hydrochloride, cns.....oz. .68 Nom.
Hydrochlorosulphate, cns....oz. .75 - —
Hydroiodide, cns.....oz. .99 - —
Hypophosphite, cns.....oz. .99 - —
Phosphate, cns. .....oz. .82 - —
Salicylate, cns. .....oz. .73 - —
Sulphate, U.S.P. X, cns.....oz. .54 - —
U.S.P. XI, cns.....oz. .61 - —
Sulphocarbolate, cns.....oz. .97 - —
Tannate, cns. .....oz. .57 - —
Tartrate, cns. .....oz. .97 - —
Valerate, cns. .....oz. .93 - —
Quinine-urea hydrochloride cns.oz. .75 - —

R

R, salt, dry, bbls.....lb. .55 - —
paste, dms. .....lb. .52 - —
Rapeseed, Belgian, bgs.....lb. .06½ - .06½
Dutch, black, bgs.....lb. .06½ - .06½
red, bgs. .....lb. .06½ - .06½
Japanese, bgs.....lb. .06 - .06½
Raspberries, dried, bls.....lb. .36 - .38
Red, alizarin lake, bbls., dlvd. N. of Tenn. and N.C., E. of Miss. R., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. 1.10 - 1.90
Red, Alizarin lake prices are ½c. higher dlvd. Ala., Fla., Ga., Ia. (Shreveport, 1½c.), Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1½c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Cadmium, lithopone, deep shade, bbls., ton lots, works, frt. alld..lb. .85 - —
smaller lots, same basis, lb. .90 - —
kgs., ton lots, same basis, lb. .90 - —
smaller lots, same basis, lb. .95 - —
light shade, bbls., ton lots, same basis..lb. .70 - —
smaller lots, same basis, lb. .75 - —
kgs., ton lots, same basis, lb. .75 - —
smaller lots, same basis, lb. .80 - —
light-medium shade bbls., ton lots, same basis..lb. .75 - —
smaller lots, same basis, lb. .80 - —
kgs., ton lots, same basis, lb. .80 - —
smaller lots, same basis, lb. .85 - —
maroon shade, bbls., ton lots, same basis..lb. .95 - —
smaller lots, same basis, lb. 1.00 - —
kgs., ton lots, same basis, lb. 1.00 - —
smaller lots, same basis, lb. 1.05 - —
medium shade, bbls., ton lots, same basis..lb. .80 - —
small lots, same basis, lb. .85 - —
kgs., ton lots, same basis, lb. .85 - —
smaller lots, same basis, lb. .90 - —
selenide, bbls., dark, works, lb. 2.50 - —
light, works.....lb. 2.25 - —
Orange, bbls., 100-lb. lots, works..lb. 1.50 - —
Carmine, 40 1-lb. cns., 500 lbs., lb. 4.15 - —
dms., 500-lb. lots.....lb. 4.00 - —
100-lb. lots .....lb. 4.10 - —
Crocus martis (see Red, purple oxide.)
Eosin toner, bbls.....lb. 1.50 - 1.60
Indian, pure, bbls., f.o.b. Bethlehem, Easton, E. St. Louis, N. Y..lb. .06½ - —
80%-85%, bbls., same basis..lb. .07½ - —
Iron oxide (see Red, oxide).
Lake C toner, bbls., same basis alizarin lake, contracts.lb. 1.25 - —
open order.....lb. 1.30 - —
Lithol toner, bbls., same basis, alizarin lake, contra..lb. .75 - —
open order.....lb. .80 - —
Rose lake, bbls.....lb. .20 - .30
Pink, bbls.....lb. .15 - .20
Lithol-rubin toner, bbls., same basis alizarin lake..lb. 1.25 - —
Maroon lake, 25%, kgs., same basis alizarin lake conracts. lb. .40 - —
Oxide (see Red, purple oxide).
Mercury oxide, tech., dom.... bbls..lb. 1.20 - —
Metallic, bbls., Pa., works..lb. .02 - —
Orange, Persian (see O).
Oxide, pure, bbls., c.l., works, lb. .06½ - —
l.c.l., works.....lb. .09¼ - —
reduced, 85% copperas oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, E. St. Louis, New Castle, N.Y..lb. .06¼ - —
80% copperas oxide, bbls., same basis..lb. .07¾ - —
Para, toner, concent., kegs, same basis alizarin lake, contracts..lb. .75 - —
open order .....lb. .80 - —
Persian, Gulf, oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, N. Y..lb. .04½ - .04½
ex whse., Chicago, St. Louis..lb. .05½ - —
San Fran., Los Ang., Portland, Seattle..lb. .05 - —
Phloxin toner (see Red, Eosin toner)
Phosphotungstic rhodamine Y, kgs..lb. 2.90 - —
Purple lake, kegs.....lb. .60 - 1.00
Oxide, bbls., f.o.b. Bethlehem, Easton, E. St. Louis..lb. .08 - —
Toner, kgs.....lb. 1.50 - 2.00
Scarlet ink toner, kgs, same basis alizarin lake..lb. .50 - —
Lake, kgs., same basis alizarin lake..lb. .25 - .30
Red, Spanish oxide, bbls., f.o.b. N.Y..lb. .03¾ - .0390
Toluidin toner, kgs., same basis alizarin lake..lb. 1.35 - —
Tuscan, bbls., f.o.b. N. Y., E. St. Louis..lb. .11 - .40
Venetian, bbls., works.....lb. .0220 - —
10%, bbls., works.....lb. .0245 - —
15%, bbls., works.....lb. .0255 - —
20%, bbls., works.....lb. .03¾ - —
25%, bbls., works.....lb. .03 - —
30%, bbls., works.....lb. .06¼ - —
35%, bbls., works.....lb. .0360 - —
40%, bbls., works.....lb. .04 - —
Vermilion, Amer., bbls., same basis alizarin lake..lb. .15 - —
quicksilver, bbls., 500 lbs..lb. 1.50 - —
smaller lots.....lb. 1.51 - 1.54
Red dyes are listed under Dyes.
Red precipitate, N. F., powd., fib. dms., 50 lbs. or more..lb. 1.51 - —
Red saunders wood, ground, bbls. lb. .12 - .17
Resorcinol, tech., dms., works.lb. .75 - .80
USP, cryst., bbls., works...lb. 1.50 - 1.55
Rhatany root, bgs.....lb. .09 - .10
Rhodinol, bots. .....lb. 6.65 -13.00
Rhubarb root, cs.....lb. .36 - .38
powd., bbls., kgs.....lb. .41 - .43
Rochelle salt, cryst., bbls., 5,000 lbs., 1 shipm't..lb. .17¾ - —
smaller lots.....lb. .18¼ - —
powd., bbls., 5,000 lbs., 1 shipt..lb. .16¾ - —
smaller lots.....lb. .17¼ - —
Rose flowers, pale, bls.....lb. .28 - .30
red, bls.....lb. 2.25 - 2.30
Rosemary flowers, bls.....lb. .25 - .30
Leaves, bls.....lb. .08 - .12
Rosin, gum B, bbls., ex dock, 280 lbs. 4.75 - —
D, bbls.....280 lbs. 4.75 - —
E, bbls.....280 lbs. 4.90 - —
F, bbls.....280 lbs. 5.05 - —
G, bbls.....280 lbs. 5.25 - —
H, bbls.....280 lbs. 5.25 - —
I, bbls.....280 lbs. 5.25 - —
K, bbls.....280 lbs. 5.25 - —
M, bbls.....280 lbs. 5.25 - —
N, bbls.....280 lbs. 6.25 - —
W. G., bbls.....280 lbs. 6.75 - —
W. W., bbls.....280 lbs. 7.55 - —
X, bbls.....280 lbs. 7.55 - —
Rottenstone, dom., bgs., c.l., f.o.b. mines..ton.35.00 - —
l.c.l., ex whse.....ton.50.00 - —
Import., lump., bbls.....lb. .12 - —
powd., bbls. .....lb. .08¼ - .10
Rue, bls. .....lb. .15 - .18

S

Sabadilla seed, powd., bbls....lb. .19 - .20
Saccharin, dms., 100 lbs.....lb. 1.70 - —
cns., 25 lbs. .....lb. 1.75 - 2.05
Safflower, bls. .....lb. .22 - .23
Saffron, Mexican, bls.....lb. .28 - .29
Spanish, tins.....lb.27.00 -28.00
Safrol, cns. .....lb. .52 - .53
dms. .....lb. .50 - .51
Sage, Dalmatian, stemless....lb. .05¾ - .06
garden, bls. .....lb. .06¼ - .06½
Sago flour, bgs.....lb. .02½ - .03¼
Salicin, bots., 5 lbs.....lb. 5.00 - —
cns., 25 lbs.....lb. 4.75 - —
Salol, gran., bbls., 200 lbs.....lb. .90 - —
bxs., 25 lbs.....lb. .93 - —
kgs., 100 lbs.....lb. .90 - —
powd., fib. dms., 25 lbs.....lb. 1.03 - —
kgs., 100 lbs.....lb. 1.00 - —
Salt, rock, bgs., dlvd., N. Y..ton.13.20 -13.80
l.c.l., bgs., dlvd., N.Y..ton.15.00 -15.60
vacuum, common, fine, bgs.,c.l., dlvd., N.Y..ton.15.30 - —
l.c.l., dlvd., N. Y.....ton.16.30 -21.00
Saltcake, grd., dom., bbls., works, ton.19.00 -23.00
bulk, works .....ton.15.00 - —
import, bulk, c.i.f.....ton.15.00 -16.00
Chrome (see Chrome cake).
Saltpeter, dbl. refined, cryst., 10-20 tons, bbls..100 lbs. 7.50 - 8.25
1-9 tons .....100 lbs. 7.65 - 8.40
less than ton lots..100 lbs. 7.90 - 8.65
gran., bbls., 10-20 tons..100 lbs. 6.50 - —
1-9 tons .....100 lbs. 6.65 - —
less than ton lots..100 lbs. 6.90 - —
powd., bbls., 10-20 tons.100 lbs. 7.50 - —
1-9 tons.....100 lbs. 7.65 - —
less than ton lots..100 lbs. 7.90 - —
Santonin, cryst., cns.....lb.21.00 -22.00
Saponin, crude, cns.....lb. 1.45 - —
purified, bots, 5 lbs.....lb. 1.65 - —
cns., 25 lbs.....lb. 1.50 - —
Sarsaparilla root, Honduras,bls.lb. .40 - .41
Mexican, bls.....lb. .16 - .18
Sassafras, bark, ord., bls.....lb. .13 - .15
select, bls.....lb. .18 - .20
Savory, bbls. .....lb. .07¾ - .08
Saw palmetto berries, bgs.....lb. .07 - .07½
Scammony root, bgs.....lb. .06 - .07
Schaeffer's salt, bgs.....lb. .46 - —
Seidlits mixture, bbls., 5,000 lbs. 1 shipm't..lb. .13¾ - —
smaller lots.....lb. .14¾ - —
kegs, 5,000 lbs., 1 shipm't..lb. .14¾ - —
smaller lots.....lb. .14¾ - —
Selenium, pwd., A, 10-lb. tins..lb. 2.00 - —
100-lb. cases.....lb. 1.75 - —
Senega, root, bls.....lb. .60 - .61
Senna leaves, Alexandria, bls..lb. .10 - .14
siftings, bls.....lb. .10 - .11
Tinnevelly, No. 1, bls.....lb. .09 - .10
2 bls.....lb. .07 - .08
3 bls.....lb. .05½ - .06
powd., bbls., bxs.....lb. .09 - .10
Pods, bls.....lb. .05½ - .06
Serpentaria root, bls.....lb. .75 - .80
Shellac, bleached, bonedry, bbls., f.o.b., N.Y..lb. .19 - .20
dlvd. Boston.....lb. .19½ - .20½
Chicago .....lb. .19¾ - .20¾
Pacific Coast.....lb. .22 - .23
refd., bbls., f.o.b. N.Y.....lb. .25 - —
dlvd. Boston.....lb. .25½ - —
Chicago .....lb. .25¾ - —
Pacific Coast.....lb. .28 - —
Garnet, bgs.....lb. .12½ - .13
Orange, D.C., VSO., Diamond, cases..lb. .20 - .21
Superfine, bgs., f.o.b. Bost. N. Y..lb. .11 - .11½
dlvd. Chicago.....lb. .11½ - .12
Pacific Coast.....lb. .14½ - .15
T.N., bgs., f.o.b. Bost. N.Y.lb. .10½ - .11
dlvd. Chicago.....lb. .11 - .11½
Pacific Coast.....lb. .13½ - .14
Shellac varnish, orange, 5-lb. cut, bbls..gal. .90 - .95
4½-lb. cut, bbls.....gal. .85 - .90
4-lb. cut, bbls.....gal. .80 - .85
white, 5-lb. cut, bbls.....gal. 1.00 - 1.10
4½-lb. cut, bbls.....gal. .95 - 1.05
4-lb. cut, bbls.....gal. .90 - 1.00
Silica, amorph., dry-grd., 95-97%, 325 mesh, bgs. c.l.,works.ton.17.00 - —
l.c.l., 2½ tons,works.ton19.00 - —
smaller lots, works.ton.20.00 - —
wet-grd., 95-97%, 325 mesh., bgs., c.l., works..ton.18.00 - —
l.c.l., 2½ tons, work.ton.19.50 - —
smaller lots, works.ton.21.00 - —
400 mesh, bgs., c.l., works, ton.35.00 - —
l.c.l., 2½ tons,works.ton.36.50 - —
smaller lots, works.ton.38.00 - —
Silica, wet-grd., 96-98%, 325 mesh., bgs., c.l., works.. ton.20.00 - —
l.c.l., 2½ tons,works.ton.21.50 - —
smaller lots, works.ton.23.00 - —
90%, 325 mesh bgs., c.l., works..ton.22.00 - —
l.c.l., 2½ tons,works.ton.25.50 - —
smaller lots.....ton.27.00 - —
hard-quartz, 140 mesh, bgs., c.l., works.....ton.11.00 - —
l.c.l., works.....ton.16.00 - —
Silver bullion.....oz. .42¾ - —
Govt. purchase.....oz. .6464 - —
Cyanide, cns., 1,000 ozs.....oz. .39½ - —
500-999 ozs.....oz. .39¾ - —
80-499 ozs.....oz. .39¾ - —
16-79 ozs.....oz. .42¼ - —
Nitrate, vis.....oz. .31½ - .33½
Nucleinate, bots., cns., 480 ozs., oz. .30 - .31
Proteinate, bots., cns., 480 ozs., oz. .29 - .30
Simaruba bark, bls.....lb. .28 - .30
Skatol, bots.....lb.75.00 -80.00
Skullcap, Eastern, bls.....lb. .20 - .21
Western, bls.....lb. .14 - .17
Skunk cabbage root, bls.....lb. .15 - .17
Slate flour, bgs., c.l., works..ton. 9.00 - —
l.c.l., works.....ton.10.00 -15.00
Sloe berries, bgs.....lb. .10 - .11
Smalt, black, extra velvet, cnts., lb. .05 - .08
Blue, cts.....lb. .07 - .08½
Snakeroot, Canada, bls.....lb. .24 - .26
Soapbark, bls.....lb. .07 - .08
crushed, bls., bbls.....lb. .11 - .12
cut, bls., bbls.....lb. .09 - .10
powd., bbls.....lb. .13 - .14
Soda abietate, dms.....lb. .11 - —
soda acetate, anhyd., dms., dlvd. lb. .08¼ - .10
flake, gran., powd., 60%, dms., c.l., dlvd..lb. .04 - —
l.c.l., dlvd. ....lb. .04½ - .05
Alginate, dms. .....lb. .70 - —
Antimoniate, bbls.....lb. .12 - .12½
Arsenate, dms., dealers, c.l., works..lb. .08 - —
l.c.l., dms., works.....lb. .08½ - —
Arsenite, dry, gray, dms., c.l., dealers' works..lb. .07½ - .09½
l.c.l., dms., works....lb. .08 - .10
white, dms., c.l., dealers' works..lb. .09 - .11
l.c.l., dms., works.....lb. .09½ - .11½
liquid, 50 gls., dms.....gal. .85 - —
Soda arsenite, dry, gray, prices are ¾c. per pound higher in Chicago; 1c. per pound higher in Houston, Tex., and Colorado. White prices are 1c. per pound higher in Tex. and Colo.
Ash, dense, 58%, bgs., c.l., works..100 lbs. 1.10 - —
l.c.l., Zone 1.....100 lbs. 2.13 - —
2 .....100 lbs. 2.28 - —
3 .....100 lbs. 2.53 - —
4 .....100 lbs. 2.93 - —
bbls., c.l., works..100 lbs. 1.35 - —
l.c.l., Zone 1.....100 lbs. 2.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l., works....100 lbs. .95 - —
extra light, 58%, bgs., c.l.... 100 lbs. 1.08 - —
l.c.l., Zone 1.....100 lbs. 2.08 - —
2 .....100 lbs. 2.23 - —
3 .....100 lbs. 2.48 - —
4 .....100 lbs. 2.88 - —
bbls., c.l., Zone 1..100 lbs. 1.45 - —
2 .....100 lbs. 2.60 - —
3 .....100 lbs. 2.80 - —
4 .....100 lbs. 3.25 - —
l.c.l., Zone 1.....100 lbs. 2.45 - —
bulk, c.l. .....100 lbs. .90 - —
light, 58%, bgs., c.l., works, 100 lbs. 1.05 - 1.08
l.c.l., Zone 1.....100 lbs. 2.08 - —
2 .....100 lbs. 2.23 - —
3 .....100 lbs. 2.48 - —
4 .....100 lbs. 2.88 - —
bbls., c.l., works..100 lbs. 1.35 - —
l.c.l., Zone 1.....100 lbs. 2.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l.....100 lbs. .90 - —
Soda ash l.c.l. prices are per 100 lbs. f.o.b. recognized warehouse points and include delivery in any quantity to customer's sidewalk within recognized local trucking distance of seller's warehouse. The sales zones are:—Zone 1, E. of Miss. R., but including Davenport and St. Louis, to S. bndry. of Va. and Ky., N. E. States (in Me., N. H., Vt.), special local prices apply for shipts. to various counties; Zone 2, Ala., Fla., Ga., Iowa (except Davenport), E. Kan. (incl. Wichita), Minn., Miss., Mo. (except St. Louis), N. C., Omaha, S. C., Tenn.; Zone 3, Ark., Kan. (W. of Wchita), La., Neb. (except Omaha), N. D., Okla., S. D., Tex. (except El Paso); Zone 4, Ariz., Colo., El Paso (Tex.), Idaho, Mont., Nev., N. M., Spokane, Utah, Wyo.; Zone 5, Calif., Ore., Wash. (except Spokane).
Benzoate, tech., bbls., 4,000 lbs. or more..lb. .39 - —
1,000 to 3,900 lbs.....lb. .40 - —
900 lbs. or less.....lb. .43 - —
USP, bbls., 4,000 or more..lb. .46 - —
1,000 to 3,900 lbs.....lb. .47 - —
900 lbs. or less.....lb. .50 - —
dms., 4,000 lbs., or more, lbs. .47 - .48
1,000 to 3,900 lbs.....lb. .48 - .49
900 lbs. or less.....lb. .51 - .52
Bicarbonate, USP, gran., bbls., c.l., works..100 lbs. 2.25 - —
powd., bbls., c.l., works, 100 lbs. 1.85 - —
l.c.l., dlvd. N. Y.100 lbs. 2.51 - —
kgs., c.l.....100 lbs. 2.10 - —
l.c.l., dlvd. N. Y.100 lbs. 2.76 - —
tech., bbls., c.l., wks..... 100 lbs. 1.70 - —
l.c.l.....100 lbs. 2.05 - —
bgs., c.l.....100 lbs. 1.55 - 1.60
l.c.l., bgs.....100 lbs. 1.90 - 1.95
Bichromate, spot, c.l., works, lb. .06½ - —
l.c.l., 6 cks, or 10 bbls. or over, works..lb. .07 - —
5 cks, or 9 bbls. or less, works..lb. .07¼ - —
Bifluoride, bbls.....lb. .11¼ - .12
Bisulphite, powd., bbls., c.l., bbls., wks.....100 lbs. 3.30 - 3.55
l.c.l., works.....100 lbs. 3.50 - 3.60
Solution, 32 deg., bbls., c.l., works..100 lbs. 1.30 - —
l.c.l., bbls., works..100 lbs. 1.55 - —
33 deg., bbls., c.l., works, 100 lbs. 1.35 - —
l.c.l., bbls., works.100 lbs. 1.60 - —
35 deg., bbls., c.l., works, 100 lbs. 1.40 - —
l.c.l., bbls., works.100 lbs. 1.65 - —
40 deg., bbls., works.100 lbs. 1.55 - —
l.c.l., bbls., works.100 lbs. 1.80 - —
Bromide, USP, gran., bbls., 500 lbs..lb. .31 - —
fiber dms., 100 lbs.....lb. .32 - —
Cacodylate bots., 5 lbs.....lb. 5.31 - —
jars 25 lbs.....lb. 5.50 - —
Carbonate (see Soda ash, soda memohydrated, soda sal)

OIL, PAINT AND DRUG REPORTER

November 28, 1938

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Prepared Monthly by the U. S. Industrial Alcohol Co.

ALCOHOL NEWS

November ★ A Monthly Series of Technical Articles for Chemists and Executives ★ 1938

Spilling, contamination and broken finger nails are only a few of the hazards H. L. Wilson claims are eliminated in his patented tablet dispenser which discharges one tablet at a time by means of a revolving shutter. Easily made tamper-proof, the dispenser costs less than ordinary packages, Mr. Wilson states.

Lowering pH Increases Potency Of Germicides

Acidification of germicides generally results in increased germicidal power, Dr. Paul Goedrich of Rutgers University reports. Adding dilute hydrochloric acid to iodine, bichloride of mercury and phenol solutions, and acetic acid to permanganate solutions, makes the mixtures many times more efficient than the antiseptic or acid alone, he says.

Dr. Goedrich attributes only a minor part of this effect to the acid, maintaining that most of the increase is due to the combined action of the acid or acid salt with the germicide.

This action is not selective, he points out, but is applicable to all types of bacteria, molds, fungi, etc. Furthermore, he finds, that germicides which have no effect upon resistant spore-bearing organisms, will become sporacides, at a lower pH.

Evidence that solutions of low pH have no harmful effect in open wounds or on the mucous membranes, is reported.

Says Skin's Acid Layer Has Bactericidal Power

BERLIN, Germany — The existence of a bacteriacidal acid layer on the skin was recently demonstrated here by two experimenters who measured the hydrogen ion concentration with an epicutaneous electrode. This coating is said to have a pH from 3 to 5 and to result from the secretion and evaporation of perspiration.

They report that the axillary, genital and anal regions, interdigital parts and sole of the foot, have a weakly acid or alkaline reaction as a result of the formation of ammonia when evaporation of perspiration is hindered.

Alcohol Separates Sugar And Flour From Bananas

FOREST HILLS, N. Y.—Average yields of 13 to 17 pounds of invert sugars in syrup form and from 4 to 6 pounds of vitamin-bearing flour may be obtained from each 100 pounds of ripe banana pulp by thoroughly mixing it with 95% alcohol in quantities ranging from 40 to 60% by weight of the amount of water present in the pulp, an inventor here declares.

In the patent covering the process, it is revealed that the amount of alcohol specified overcomes previous difficulties which arose from pulp discoloration and enzyme action.

"Up" Hair Styles Create Larger Market for Hair Preparations

Demand for Better Wave Sets and Lacquers Boosts Popularity Of Alcohol Formulas; Dry Faster, Easier to Perfume

Recent weeks have found many manufacturers overhauling formulas for hair preparations. Included in that category is everything from brilliantines to wave sets — and hair lacquers. For, how long the "up" hair-do fashion lasts will be largely dependent, most experts agree, on how successful manufacturers are in creating preparations which make it easy for women to keep their hair up.

Sifting past complaints on wave sets, for instance, observers note two which appear with alarming frequency: (1) slow drying and (2) flakiness. Both rank high in nuisance value, particularly since elimination of one may bring about the presence of the other.

In an effort to develop more acceptable setting lotions some compounders have turned to relatively new raw materials, such as sodium alginate, for which greater uniformity is claimed. A feature of sodium alginate is the fact that its viscosity may be varied by the addition of calcium salts.

Advantages Of Alcohol

One published wave set formula using sodium alginate is given as follows:

(A)	Sodium alginate	2	parts
	Distilled water	100	"
(B)	Perfume	1	"
	Denatured alcohol	5	"
(C)	Calcium citrate	0.15	"
	Distilled water	90	"

"B" is added to "A" after which "C" is added to the mixture and the whole allowed to stand for one to two hours, when thickening is complete

Alcohol is used to speed drying. It also has some preservative effect. For ease of perfuming a high grade of denatured alcohol from which perfume destructive elements such as

(*Continued on next page*)

NEW YORK, N. Y.—Of 33,459 women questioned in a national survey by *Drug Topics*, 28.6% purchased wave set lotions. In the 15-19 age group, 51.0% made regular purchases; in 20-29 group, 24.4%; in 30-39 group, 19.8%; in 40 and over, 19.4%. The 20-29 group bought the largest number of units—6.8.

Doctors Study Tests Of Insulin Effect In Vitro

CHICAGO, Ill.—Attention to a new series of experiments which strengthen the possibilities of demonstrating *in vitro* primary effects of insulin on carbohydrate metabolism, is directed by an editorial appearing in a recent issue of the *Journal of the American Medical Association.*

"Citric Acid Cycle"

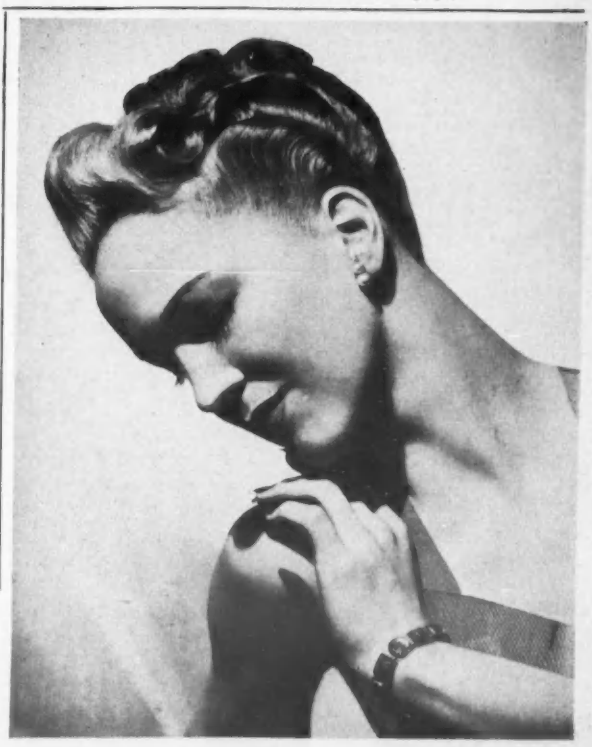
Comment of the *Journal* follows on the heels of an article describing an effect of insulin on oxidations in isolated pigeon breast muscle. Authors of this latest study report that the addition of insulin retards the decline in respiration, which under the conditions they set up, ordinarily begins from half an hour to an hour after the initiation of the experiments.

It was also found, the editorial states, that insulin had its greatest effect if added together with citrate and muscle extract, from which it was concluded that insulin acts as a catalyst in a "citric acid cycle."

Concluding that it is too early to determine the exact significance of these results, the *Journal looks* forward to further work which may explain "one of the most important of the unsolved problems in the biologic sciences."

Alcohol in Leaven For Bread

PARIS, France—A slow acting leaven suitable for preparing baking mixtures which can be kept for relatively long periods before baking, was patented here recently. A specified composition contains baker's yeast 40-50, rectified ethyl alcohol 14-20, sucrose 13-19, d-glucose 5-11 and fatty oil or fat 14-20 parts.



UPSWEPT BEAUTY

No upward hair styling, New York hairdressers said at their recent convention, is complete without hair lacquer to keep wispy hairs looking tidy. The sculptured sweep of the model at right is by Louis—American Hair Design Institute.

ADVERTISEMENT—*This entire page is a paid advertisement.*

November ★ **ALCOHOL NEWS** ★ 1938

Extra Hydroquinone In Absolute EtOH Guards Oils' Vitamin Potency

BROOKLYN, N. Y.—Because hydroquinone functions more or less quantitatively in checking the deterioration of vitaminous oils, its effect can be enhanced by adding it to oils in a carrier which allows greater amounts to be dissolved, it is claimed in a patent just issued to an inventor here.

For example, by adding to 100 cc. halibut liver oil, 5 cc. absolute ethyl alcohol containing in solution 0.3 g. hydroquinone, it is possible to obtain 0.3 per cent solutions of hydroquinone in halibut liver oil as compared with the 0.03 per cent saturated solutions obtained when the chemical is added directly to the oil, the inventor reveals.

Oils holding the extra hydroquinone in solution are asserted to retain their vitamin potency, taste and odor for much longer periods. In place of absolute alcohol, ethyl ether, and ethyl acetate may also be used, according to the patent.

"Up" Hair Styles Enlarge Hair Preparation Market

(*Continued from preceding page*)

foreign odor, fusel oil constituents, aldehydes and other impurities have been extracted, should be employed.

One recently developed technique for preparing wave sets from ordinary gum karaya is reported to eliminate many previous objections which arose when this staple was used. It consists of mixing 28 grams of previously untreated karaya with 30 cc. of a solution obtained by dissolving 9.2 grams of potassium hydroxide in 15 cc. of water and adding 85 cc. of denatured alcohol.

The combined solutions are mixed and allowed to stand until neutral to phenolphthalein paper. As a final step, the solution is diluted with water to the desired concentration, and preservative, color, perfume, etc., added.

In this type of lotion, specially denatured alcohol is especially valuable in assisting gum dispersion without lump formation. To prevent flaking, a small amount of glycerine or sorbitol may be added.

Some compounders of wave sets show a preference for quince seed and suggest the following formula:

Quince seed base	35.0
Potassium carbonate	4.0
Preservative	0.2
Denatured alcohol	15.0
Perfume	0.3
Distilled water	45.5
	100.0

Proponents of quince seed assert it has a minimum tendency toward flakiness, is more transparent, and leaves less deposit on the hair.

The use of hair lacquer is due for a revival after long experiment, according to recent reports. Lacquer, of course, is of particular importance for keeping wispy hairs around the nape of the neck looking tidy, so that no upward hairstyling, hairdressers say, is complete without it.

The term "hair lacquer," inquiry by ALCOHOL NEWS revealed, is being applied to preparations which are essentially wave sets diluted to a consistency suitable for spraying with atomizer. In this sense their formulation is very little different.

However, some sources who declined to be quoted, declare that lacquers which consist of resins, such as manila dissolved in alcohol, may also be employed. The application of these calls for highly skilled operators, they point out.

See Liquid Lip Rouge Sales Loaded With Possibilities

NEW YORK, N. Y.—Observers here are closely watching sales of liquid lip rouge. Remembering the early success of the so-called "black" lipstick, they are wondering what response the new cosmetic will bring.

Greater indelibility is also being claimed for the liquid product which, in several large chains, is sold with a liquid "remover."

Claims Better Solution For Surgical Scrub-up

CHICAGO, Ill.—A new solution for use in conjunction with soap in cleansing the surgeon's hands and in the preoperative preparation of patients is described in a recent issue of *Surgery, Gynecology and Obstetrics*.

It consists of 2 parts of sodium ortho-xenolate, 8 parts sodium oleate, 400 parts acetone and 600 parts 95% alcohol. One part of the solution is used in 30 parts water.

Chief advantages claimed for the new solution are (1) it dissolves the fat in the skin and allows penetration of the sweat glands, and (2) it is not neutralized by organic matter or soap.

Phenol coefficient for sodium ortho-xenolate is given as 18 against typhoid becillus.

Soviet Perfume Plant

KALUGA, U. S. S. R.—Synthetic aromatic materials, including fifty volatile oils of various colors and scents will be manufactured in a multiple perfumery works now being erected near here, according to unconfirmed dispatches to World Trade Notes.

Suitable and approved grades of specially denatured alcohol in regular and anhydrous form are available for the formulation of wave set lotions and hair lacquers. The U. S. Industrial Alcohol Co. is glad to aid manufacturers in the selection of formulas rigidly tested for freedom from foreign odor. For further information, write U.S.I.

TECHNICAL DEVELOPMENTS

Further information on these items may be obtained by writing to U.S.I.

An antiseptic 91,000 times as bactericidal as carbolic acid and 1,300 times as potent as bichloride of mercury when tested against a variety of spore forming and non-spore forming organisms, has been introduced. It is odorless and colorless, an announcement continues, and is sufficiently non-irritating for use in cosmetics. **(No. 151a)**

U S I

Cement consisting of phenolformaldehyde resin and special fillers determined by the application, is described by the manufacturer as hard, dense, and unusually resistant to acids, salts, weaker bases, many solvents and chlorine. A special grade is designed specifically for hydrofluoric acid and related materials. **(No. 152a)**

U S I

A new cholesterine absorption base for creams, ointments, etc., is said to contain no lanolin and to require none to make stable emulsions. According to the manufacturer, the product absorbs more than 5 times its weight of water, has no objectionable odor, will neither oxidize nor turn rancid and is suitable for vegetable or mineral oil emulsions. **(No. 153a)**

U S I

An ink for writing on glass, porcelain or china is claimed to be permanent, non-inflammable, and non-corrosive and to resist most acids, alkalis and solvents. **(No. 154a)**

U S I

A new grade of Titanium Oxide for cosmetic use is described as "quite fluffy" and therefore easier to incorporate into creams and face powder. **(No. 155a)**

U S I

A refined, odorless grade of soybean oil was announced recently. The oil is said to be light in color, comparatively inexpensive and easy to incorporate in cosmetic preparations. **(No. 156a)**

U S I

New diffusion pumps capable of producing vacuums of one/ten millionth mm. at speeds of approximately 1,000 liters of gas per second, were announced recently. Employing a beam of special oil vapor in place of a rotary propeller, the pumps are reasonably priced, the manufacturer reports. **(No. 157a)**

U S I

Vegetable lecithin recommended for activating and emulsifying cosmetic creams is now available in three grades according to a recent announcement. One grade contains 60 to 65% lecithin in refined soy bean oil, the second is a mixture of 80% lecithin—20% cocoa butter, and the third is a pure, 100% grade, the announcement states. **(No. 158a)**

U S I

A germ-proof process for treating textiles to render them actively antiseptic and germ resistant is now available under license arrangements, according to a recent announcement. The process may be applied to cotton, wool, rayon and silk fabrics, according to the developers. **(No. 159a)**

U.S.I INDUSTRIAL ALCOHOL CO.
INDUSTRIAL CHEMICAL CO. INC.

WORLD'S LARGEST PRODUCERS OF INDUSTRIAL ETHYL ALCOHOL

SPECIALLY DENATURED-*All Formulas* • COMPLETELY DENATURED-*All Formulas* • ANHYDROUS-*Denatured* • ABSOLUTE-*Pure*
SOLOX-*The General Solvent* • U. S. I. DENATURED ALCOHOL • SUPER PYRO *Anti-Freeze*
PURE (190 PROOF) TAX PAID—TAX FREE
U. S. I.—U. S. P.-*Ethyl* • WEBB'S-*Ethyl*

Executive Offices: 60 East 42nd Street, New York, N. Y. Branches in all Principal Cities.

Soda, caustic, flake, 76%, 1, gr., powd., ammon. process, bbls., c.l., works..100 lbs. 2.95 - —
dms., c.l., works...100 lbs. 2.70 - —
l.c.l., Zone 1....100 lbs. 3.55 - 4.90
2 .....100 lbs. 3.70 - 5.05
3 .....100 lbs. 3.95 - 5.30
4 .....100 lbs. 4.35 - 5.70
electro process, dms., c.l., works..100 lbs. 2.70 - —
l.c.l., same zone prices as ammonia process.
liquid, 47-49% buyer's tanks, works..100 lbs. 1.92½- —
seller's tanks, works, 100 lbs. 1.95 - —
70%, buyers' tanks, works, 100 lbs. 1.97½- —
seller's tanks, works, 100 lbs. 2.00 - —
solid, 76%, ammon. process, dms., c.l., works.... 100 lbs. 2.30 - —
l.c.l., Zone 1....100 lbs. 3.15 - —
2 .....100 lbs. 3.30 - —
3 .....100 lbs. 3.55 - —
electro process, dms., c.l., works..100 lbs. 2.30 - —
l.c.l., same zone prices as ammon. process.

Caustic soda l.c.l. prices are on the same basis as those for soda ash. The sales zones are also the same.

Chlorate, dom., cryst., bgs., c.l., works..lb. .06¼- —
l.c.l., works.....lb. .06½- —
powd., bgs., c.l., works..lb. .06½- —
l.c.l., works.....lb. .07 - .08½
Citrate, U.S.P., VIII, gran., bbls..225 lbs. .19½- —
cns., 50 lbs.....lb. .21½- —
25 lbs.....lb. .23½- .24½
kgs.. 100 lbs.....lb. .20½- —
USP XI, gran., bbls., 250 lbs. lb. .26 - —
cns., 50 lbs.....lb. .28 - —
25 lbs.....lb. .30 - .31
kgs., 100 lbs.....lb. .27 - —
powd., bbls., 250 lbs....lb. .28½- —
cns., 50 lbs.....lb. .28½- —
25 lbs.....lb. .30½- .31½
kgs., 100 lbs.....lb. .27½- —
Cyanide, 96-98%, dom., dms..lb. .14 - .15
import, 90%, cs.....lb. .12¾- .13¾
Diacetate, 33-35% acidity, bbls., dlvd..lb. .09 - —
Fluoride, white, 90%, bbls., c.l., f.o.b. Phila..lb. .07¼- —
l.c.l., 10 or over, same basis..lb. .07¾- —
5-9, same basis.....lb. .08½- —
1-4, same basis.....lb. .09¾- —
95%, bbls., c.l., same basis, lb. .07½- —
l.c.l., 10 or over, same basis..lb. .08 - —
5-9 same basis.....lb. .08½- —
1-4, same basis.....lb. .09¾- —

Soda fluoride prices at Los Angeles are f.a.s. Phila.

Glycerophosphate, N. F., cryst., bbls., 1,000-lb. lots..lb. 1.00 - —
smaller lots.....lb. 1.15 - —
cns., 25 lbs.....lb. 1.40 - —
powd., bbls., 1,000-lb. lots.. lb. 1.05 - —
smaller lots.....lb. 1.20 - —
cns., 25 lbs.....lb. 1.45 - —
Hydrosulphite, bbls.....lb. .16 - .17
Hydroxide, USP., sticks, cns. 100 lbs. .20½- .22
Hypophosphite, N.F., cns.... 100 lbs..lb. .67 - —
Hyposulphite, cryst., large, bgs, c.l., wks, frt. equal'd, 100 lbs. 2.25 - —
bbls., same basis..100 lbs. 2.45 - —
l.c.l., bgs., wks., frt. equal'd..100 lbs. 2.50 - —
bbls., same basis..100 lbs. 2.70 - —
100 lbs. 2.40 - 2.65
pea, bgs., c.l., works..100 lbs. 2.60 - —
bbls., works.....100 lbs. 2.80 - —
dms., works.....100 lbs. 3.10 - —
5,000 lbs., and over, bgs., works..100 lbs. 2.75 - 3.00
bbls., wks.....100 lbs. 2.95 - 3.20
dms., wks.....100 lbs. 3.25 - 3.60
2,500 to 5,000 lbs., bgs., wks..100 lbs. 2.85 - 3.10
bbls., wks.....100 lbs. 3.05 - 3.30
dms., wks.....100 lbs. 3.35 - 3.60
500 to 2,500 lbs., bgs., wks., 100 lbs. 3.10 - 3.35
bbls., wks.....100 lbs. 3.30 - 3.55
dms., wks.....100 lbs. 3.60 - 3.85
less than 500 lbs., bgs., wks, 100 lbs. 3.70 - 3.95
bbls., wks.....100 lbs. 3.90 - 4.15
dms., wks.....100 lbs. 4.20 - 4.45
Iodate, jars.....lb. 5.02 - 5.07
Iodide, jars.....lb. 2.10 - —
bots.....lb. 2.21 - 2.47
Mandelate, bots., 5 lbs.....lb. 3.30 - —
fib. dms., 25 lbs.....lb. 3.15 - —
Metanilate, kgs.....lb. .41 Nom.
Metasilicate, ground, dms., c.l., works..100 lbs. 3.15 - —
l.c.l., works.....100 lbs. 3.40 - —
cryst., dms., c.l.....100 lbs. 2.90 - —
gran., bbls., c.l., works.100 lbs. 2.20 - —
Molybdate, kgs., wks.....lb. .60 - —
less kgs.....lb. .65 - —
Monohydrated, bbls.....100 bls. 2.60 - —
works .....100 lbs. 2.30 - —
Naphthenate, bbls.....lb. .19 - —
Naphthionate, bbls.....lb. .50 - —
Nitrate, crude, c.l., 100-lb. bgs., Nov.-June delivery, f.o.b. cars producing point or ports, rail or boat shipment..ton. 29.00 - —
200-lb. bgs., same basis.ton. 28.50 - —
bulk, same basis.....ton. 27.00 - —
rfd., gran., bbls., 10 tons, 100 lbs. 2.50 - —
1-9 tons.....100 lbs. 2.65 - —
smaller lots.....100 lbs. 2.90 - —
pwd., bbls., ton lots.100 lbs. 5.65 - —
smaller lots.....100 lbs. 5.90 - —
Nitrite, 96-98%, dom., bbls., c.l., works, frt. equalised..lb. .06¾- — c.l., West Coast, f.o.b. f.o.b. ports..lb. .08 - —
l.c.l. .....lb. .09¼- .11¼

Soda nitrite l.c.l. price range represents delivery at various points.

Oxalate, neut., bbls.....lb. .09 - —
kgs. .....lb. .11 - —
Perborate, N.F., bbls., c.l., works..lb. .14¾- —
l.c.l., works.....lb. .15¼- —
Phosphate, dibasic, tech., bgs., c.l., works..100 lbs. 1.85 - —
l.c.l., works.....100 lbs. 2.25 - —
bbls., c.l., works...100 lbs. 2.05 - —
l.c.l., works.....100 lbs. 2.40 - —
monobasic, anhyd., bbls., c.l., 100 lbs. 7.45 - —
l.c.l. .....100 lbs. 8.20 - —
tribasic, bgs., c.l., works.. 100 lbs. 2.00 - —
l.c.l., works.....100 lbs. 2.40 - —
bbls., c.l., works...100 lbs. 2.20 - —
l.c.l., works.....100 lbs. 2.60 - —
kgs., c.l., works....100 lbs. 2.70 - —
l.c.l., works.....100 lbs. 3.10 - —
Picramate, kgs.....lb. .65 - —
Prussiate, yellow, bbls., works, lb. .09¾- .10
Soda, pyrophosphate, anhyd., bgs., c.l., frt. alld. E. of and incl. Denver..100 lbs. 5.10 - —
l.c.l., same basis....100 lbs. 6.10 - —
bbls., c.l., same basis.100 lbs. 5.30 - —
l.c.l., same basis...100 lbs. 6.30 - —
Ricinoleate, tech., bbls.....lb. .12 - —
Sal, bgs., dlvd., N. Y...100 lbs. 1.20 - —
works .....100 lbs. 1.00 - —
bbls., dlvd. N. Y.....100 lbs. 1.30 - —
works .....100 lbs. 1.10 - —
Salicylate, bxs.....lb. .52 - —
Sesquisilicate, dms., c.l., works, 100 lbs. 3.00 - —
20 dms., and up, dlvd.N.Y.C. 100 lbs. 3.65 - —
5-19 dms.....100 lbs. 4.10 - —
1-4 dms.....100 lbs. 4.30 - —
Silicate, 40° turbid., dms., c.l., works..100 lbs. .80 - —
l.c.l., 5 or more, works, 100 lbs. 1.05 - —
1-4, works.....100 lbs. 1.20 - —
52°, dms., c.l., works..100 lbs. 1.40 - —
l.c.l., 5 or more, works, 100 lbs. 1.65 - —
1-4, works.....100 lbs. 1.80 - —
Silicofluoride, dom., bbls.....lb. .04¾- .05
import, bbls. .....lb. .04¼- .04¾
Stannate, dms.....lb. .31 - .34
Stearate, lump, powd., bbls., works..lb. .19 - .24
Sulphate, anhyd., bgs., bbls., c.l., works..100 lbs. 1.45 - 1.65
5 tons or over, works, 100 lbs. 1.70 - 1.90
less than 5 tons, works, 100 lbs. 1.95 - 2.15
cryst. (see Glauber's salt).
Sulphide, cryst., bbls., c.l., works..100 lbs. 2.25 - —
l.c.l., 5 tons or over, dlvd., 100 lbs. 2.75 - —
less than 5 tons, dlvd., 100 lbs. 3.00 - —
solid, bbls., c.l., works.100 lbs. 3.00 - —
l.c.l., 5 tons or over, dlvd., 100 lbs. 3.50 - —
less than 5 tons, dlvd., 100 lbs. 3.75 - —
Sulphite, cryst., bgs., 100 lbs., works..lb. 2.10 - 2.35
bbls. .....100 lbs. 2.30 - 2.55
powd., bbls., c.l.....100 lbs. 5.25 - —
l.c.l., 5 or more...100 lbs. 5.50 - —
1-4 .....100 lbs. 6.00 - —
Sulphocarbolate, cs.....lb. .27 - .28
Sulphocyanide, dms.. cns....lb. .28 - .47
Sulphoricinoleate, bbls.....lb. .12 - —
Thiosulphate (see hyposulphite).
Tungstate, CP, kgs.....lb. 1.75 - 1.85
tech., kgs. .....lb. 1.05 - 1.10
Solvent, high-flash, dms., works, frt., equald..gal. .31 - —
tanks, same basis.....gal. .26 - —
naphtha, solvent, dms., works, gal. .31 - —
tanks, E. of Omaha, frt., alld. gal. .26 - —
W. coast, f.o.b., Minnequa, Colo..gal. .26 - —
Sorbitol, com'l, solut., dms., c.l., works..lb. .15½- —
l.c.l. .....lb. .16 - —
Sparteine sulphate, cns.....oz. 1.00 - 1.05
Spearmint leaves, bls.....lb. .18 - .19
Spikenard root, bls.....lb. .12 - .17
Spruce extract, bbls., works...lb. .01¾- —
tanks, works.....lb. .01¼- —
powd., bgs.....lb. .04 - —
super, bbls., works.....lb. .01¾- —
tanks, works.....lb. .01¾- —
Squawvine leaves, bls.....lb. .15 - .16
Squill red, bls.....lb. .14 - .15
white, bls.....lb. .06 - .07
powd., bbls., bxs.....lb. .12 - .13
St. Ignatius beans, bgs.....lb. .45 - .50
St. John's bread, bls.....lb. .06½- .07
Starch, corn, pearl, bgs., f.o.b. Chicago..100 lbs. 2.50 - 2.70
dlvd., N. Y.....100 lbs. 2.85 - 3.05
powd., bgs., f.o.b. Chicago. 100 lbs. 2.60 - 2.80
dlvd., N. Y.....100 lbs. 2.95 - 3.15
Potato, dom., bgs.....lb. .04 - .05
import, bgs.....lb. .05 - .06
Rice, bbls.....lb. .06¼- .07¼
Wheat, thick boil, bbls.....lb. .06¼- —
Staveacre seed, bgs.....lb. .17 - .18
Stearin, oleo, bbls.....lb. .06¾- .06¾
Stillingia root, bls.....lb. .05 - .06
Stoneroot, bls.....lb. .07¼- .08
Storax, cs. .....lb. .48 - .49
Stramonium leaves, bls.....lb. .13½- .14
Seed, bgs. .....lb. .09 - .10
Strontium bromide, fib, dms...lb. .57 - .58
kgs., 150 lbs.....lb. .55
Carbonate, N.F., IV, 250-lb. bbls..lb. .30 - —
25-lb. bxs.....lb. .35 - —
100-lb kgs.....lb. .32 - —
tech., 99-100 pc., precip., bbls., lb. .16½- .17½
Chloride, bbls. .....lb. .11 - .12½
Iodide, bots., 5 lbs.....lb. 2.90 - —
jars, 25 lbs.....lb. 2.85 - —
Nitrate, dom., bbls. c.l., works..lb. .07¾- —
25 bbls. and over.....lb. .08¼- —
1-24 bbls. and over.....lb. .08¾- —
Strophanthus seed, Kombe, bgs.lb. 1.10 - 1.15
Styralyl acetate, bots.....lb. 6.75 - 7.00
Strychnine, cryst., cns., 100-oz. lots..oz. .50 - —
powd., cns., 100-oz. lots..oz. .40 - —
Acetate, 25-oz. cns., 100-oz. lots..oz. .68 - —
Arsenate, 25-oz. cns., 100-oz. lots..oz. .68 - —
Arsenite, 25-oz. cns., 100-oz. lots..oz. .66 - —
Glycerophosphate, 25-oz. cns., 100-oz. lots..oz. .67 - —
Hydrochloride, 25-oz. cns., 100-oz. lots..oz. .66 - —
Hypophosphite, 25-oz. cns., 100-oz. lots..oz. .77 - —
Nitrate, 25-oz. cns., 100-oz. lots..oz. .60 - —
Phosphate, 25-oz. cns., 100-oz. lots..oz. .67 - —
Sulphate, cryst., cns., 100-oz. lots..oz. .42 - —
powd., cns., 100-oz. lots, oz. .32 - —
Sucrose octa-acetate, denat. grade, bbls., l.c.l., works.lb. .45 - —
tech., bbls., l.c.l., works....lb. .40 - —
Sugar coloring, bbls.....gal. .70 - 1.10
Milk., bbls., c.l.....lb. .15 - —
l.c.l., 10 or over.....lb. .16 - —
less than 10.....lb. .17 - —
Sulfanilamide, 5 lb. bots.....lb. 1.90 - —
fib., dms., 1,000 lbs., 1 delivery, lb. 1.50 - —
100 lbs.....lb. 1.55 - —
Sulphonethylmethane, kgs.....lb. 6.75 - 6.90
Sulphonmethane, kgs.....lb. 5.25 - 5.90
Sulphur, crude, bulk, 1,000 tons, mines, contracts, long ton. 16.00 - —
ex vessels, Atlantic seaboard..long ton. 20.50 - —
Flowers, bgs., c.l., works.... 100 lbs. 3.00 - —
bbls., works.....100 lbs. 3.25 - —
l.c.l., bgs., works..100 lbs. 3.35 - 3.75
bbls., works.....100 lbs. 3.70 - 4.10
Sulphur, refined, broken, bgs., c.l., works..100 lbs. 2.15 - —
bbls., works.....100 lbs. 2.30 - —
l.c.l., bgs., works....100 lbs. 2.50 - 2.90
bbls., works.....100 lbs. 2.65 - 3.05
flour, comm'l, bgs., c.l., works, 100 lbs. 1.65 - —
bbls., c.l., works..100 lbs. 1.95 - —
l.c.l., bgs., works..100 lbs. 1.95 - 2.35
bbls., works.....100 lbs. 2.60 - 2.70
extra fine, bgs., c.l., works, 100 lbs. 2.85 - —
bbls., works....100 lbs. 3.20 - —
heavy, bgs., c.l., works, 100 lbs. 2.55 - —
bbls., works....100 lbs. 2.90 - —
l.c.l., bgs., works, 100 lbs. 2.90 - 3.30
bbls., works....100 lbs. 3.25 - 3.65
light, bgs., c.l., works. 100 lbs. 2.65 - —
bbls., works....100 lbs. 3.00 - —
l.c.l., bgs., works, 100 lbs. 3.00 - 3.40
bbls., works....100 lbs. 3.35 - 3.75
rock, virgin, bbls., c.l., works, 100 lbs. 2.30 - —
l.c.l., bbls., works.100 lbs. 2.15 - —
roll, bgs., c.l., works..100 lbs. 2.35 - —
bbls., works....100 lbs. 2.50 - —
l.c.l., bgs., works..100 lbs. 2.70 - 3.10
bbls., works....100 lbs. 2.35 - 3.20
Chloride, 55-gal. dms., c.l....lb. .03 - —
l.c.l., dms., works....lb. .04 - —
10-gal. dms., c.l.....lb. .07 - —
l.c.l. .....lb. .08 - —
Dioxide, liq., com'l, cyls., works..lb. .07 - .09
multi-unit cars, works..lb. .04½- .07
tanks, works.....lb. .04 - .05
refrigeration, cyls., works.lb. .16 - .40
multi-unit cars, works..lb. .07½- .10
Iodide, bots., jars.....lb. 2.90 - —
Sumac, grd., Sicilian, bls....ton. 68.00 - —
leaf, bales.....ton. 70.00 - —
Extract, 42°, bbls.....lb. .05¼- .06¼
51°, bbls.....lb. .06½- .08½
stainless, bbls.....lb. .06½- .08½
Sunflower seed, Calif., large, bgs., lb. .06 - .06½
medium, bgs. .....lb. .04½- .05
poultry, bgs.....lb. .03¾- .04
Superphosphate, guaranteed, 16%, bulk, f.o.b. cars, boat, Balto. ton. 8.00 - —
run-of-pile, basis 16%, bulk, same basis..ton. 7.50 - —
triple, 40-48%, a.p.a. bulk, f.o.b. Balto..unit-ton. .70 - —

T

Talc, dom., Calif., 1, bgs., c.l., mills..ton. 20.00 - —
2, bgs., c.l., mills.....ton. 17.00 - —
N.Y., fibrous, 98-94%, 325 mesh bgs., c.l., mills..ton. 14.00 - —
l.c.l., mills.....ton. 16.00 - —
96-98%, 325 mesh, bgs., c.l., mills..ton. 15.00 - —
l.c.l., mills.....ton. 17.00 - —
98-99½%, 325 mesh, bgs., c.l., mills..ton. 15.25 - —
l.c.l., mills.....ton. 17.25 - —
90.85-99.95%, 325 mesh, bgs., c.l., mills...ton. 17.00 - —
coarse, off color, bgs., c.l., mills..ton. 14.00 -13.00
Ohio, alum-mag. type, grd., bgs., c.l., mills..ton. 21.00 - —
l.c.l., mills.....ton. 24.50 - —
Vermont, bgs., c.l., mills. ton. 14.00 - —
l.c.l., ex whse.....ton. 25.00 - —
Canad., bgs., c.l., mills....ton. 11.50 -13.00
French, high-grade, bgs., l.c.l., ex whse..ton. 45.00 -60.00
ordinary, bgs., c.l., ex dock, arrival..ton. 23.00 -25.00
l.c.l., ex whse.....ton. 27.50 -32.50
Italian, 1, bgs., ex dock, arrival. ton. 65.00 -67.00
ex whse.....ton. 85.00 - —
2, bgs., ex dock, arrival. ton. 60.00 -62.00
Tallow, animal, edible, bbls...lb. .07½- .07¾
extra, loose, works.....lb. .06¾- —
special, loose, works.....lb. .06½- —
vegetable, ship., cs.....lb. .07½- .08
sulphonated 35% (24% fat), dms., c.l..lb. .04 - .04½
l.c.l. .....lb. .05 - .05½
50% (48% fat), dms., c.l..lb. .05½- .06½
l.c.l. .....lb. .06½- .07
50% (48% fat), dms., c.l..lb. .06 - .06½
l.c.l. .....lb. .07 - .08
Tamarind, W. I., bbls.....lb. .05 - .05½
kegs .....keg. 5.00 - 5.25
Tankage, animal, dom., grd., 10-12%, ammon., 15-20% b.p.l., bulk..unit-ton. 3.00 & .10
unground, 9-11% ammon., 15-20% b.p.l., bulk, unit-ton. 3.00 & .10
fertilizer grade, 10-11% ammon., 15% b.p.l., bulk, Chicago..unit-ton. 2.75 & .10
high-grade feeding, bulk, Chicago..unit-ton. 3.15 & .10
Tankage, animal, Import., S. Amer., 10-12% ammon., 15% b.p.l., bulk, c.i.f. ports ship.....unit-ton. 3.10 & .10
Tansy leaves, bls.....lb. .18 - .19
Tapioca, flour, bgs.....lb. .02 - .04
Tar acid oil, 15%, dms., c.l., works..gal. .22 - —
l.c.l., same basis.....gal. .25 - —
25%, dms., c.l., works....gal. .25½- —
l.c.l., same basis.....gal. .28½- —
Tar, pine, retort, dms., c.l., dlvd. E. cities..gal. .26 - —
dlvd., ports.....gal. .25 - —
l.c.l. .....gal. .26 - —
tanks, dlvd. E. cities....gal. .20 - —
Tarragon herb, bgs.....lb. .30 - .31
Tartar emetic tech., fine gran., bbls., 5 or more..lb. .27¾- —
less than 5.....lb. .28 - —
powd., bbls., 5 or more..lb. .27¾- —
less than 5.....lb. .28 - —
USP, powd., bbls.....lb. .33 - .33½
Terebene, cans.....lb. .70 - .75
Terpinyl acetate, cns.....lb. .77 - .85
Terpin hydrate, kgs.....lb. .45 - .46
Terpineol, CP, cns.....lb. .25 - —
dms. .....lb. .23 - —
Terpineol, alpha, denat. grade, dms., c.l., wks., net wgt..lb. .17 - —
Terra alba (see Gypsum).
Tetrachloroethane, dms., works.lb. .08 - .08½
Tetrachloroethylene, CP, dms..lb. .21½- —
tech., dms. .....lb. .09¼- —
Tetralin, dms. .....lb. .12 - —
Tetrasodium pyrophosphate (see soda pyrophosphate).
Thallium sulphate, 99% pure, dms. works..lb. 7.25 - 7.60
Theobromine, cns. .....lb. 2.10 - 2.40
Sodiosalicylate, cns. .....lb. 1.75 - 1.85
5-lb. bots. .....lb. 2.01 - —
Tolocarbanilide, dms. .....lb. .24 - —
Thorium nitrate, cs., works...lb. 2.00 - —
Thyme, French, bls.....lb. .12 - .12½
Thymol, dms., 100 lbs.....lb. 1.40 - —
cns., 25 lbs.....lb. 1.45 - —
Iodide, kgs., 50 lbs.....lb. 3.25 - 3.30
25 lbs.....lb. 3.35 - 3.40
Timbo root, powd., 4% rotenone, bbls..lb. .18 - .26
5% rotenone, bbls.....lb. .22 - .30

Soda Caustic—Uva Ursi

Tin chloride (ous), anhyd.....lb. .44 - .44½
Crystals, bbls., kgs.....lb. .36 - .36½
Metal, Straits.....lb. .4630- —
Oxide, bbls.....lb. .50 - .52
Tetrachloride, anhyd., bbls...lb. .23½- —
Titanium, dioxide, bgs., c.l. (20 tons), E. frt. alld..lb. .15 - —
Pac. cst., f.o.b. terminals, lb. .15 - —
l.c.l., 5 tons, E., dlvd....lb. .15½- —
Pac. cst., ex whse....lb. .15½- —
1,000-9,999 lbs., E. dlvd.lb. .15½- —
Pac. cst., ex whse....lb. .15½- —
50-999 lbs., E. dlvd.....lb. .16¾- —
Pac. cst., ex whse....lb. .15¾- —
under 50 lbs., E. dlvd..lb. .18 - —
Pac. cst., ex whse....lb. .18 - —
bbls., c.l. (20 tons), E. frt. alld..lb. .15¼- —
l.c.l., 5 tons, E. dlvd.....lb. .15¾- —
1,000-9,999 lbs., E. dlvd.lb. .15¾- —
50-999 lbs., E. dlvd.....lb. .16 - —
phthalate-treated, bgs., c.l. (20 tons), E. frt. alld.lb. .23 - —
Pac. cst., f.o.b. terminal..lb. .23 - —
l.c.l., 5 tons, E. dlvd...lb. .23¼- —
Pac. cst., ex whse..lb. .23¼- —
1,000-9,999 lbs., E. dlvd.lb. .23½- —
Pac. cst., ex whse....lb. .23½- —
50-999 lbs., E. dlvd.....lb. .23¾- —
Pac. cst., ex whse..lb. .23¾- —
under 50 lbs.....lb. .26 - —
bbls., c.l. (20 tons), E. frt. alld..lb. .23¼- —
l.c.l., 5 tons, E. dlvd...lb. .23½- —
1,000-9,999 lbs. E. dlvd.lb. .23¾- —
50-999 lbs., E. dlvd....lb. .24 - —
pigment, barium, calcium, or magnesium base, c.l., E. frt. alld.....lb. .05¾- —
Pac. cst., f.o.b. terminal. lb. .05¾- —
l.c.l., dlvd.....lb. .05¾- —
Pac. cst., ex whse..lb. .05¾- —
under 50 lbs., E. dlvd.lb. .06¾- —
bbls., c.l., E., frt. alld...lb. .05¾- —
l.c.l., E., dlvd.....lb. .06¼- —
Tolidin base, distilled, kgs....lb. .36 - —
Tolu, balsam, cns.....lb. .44 - .48
Toluidin, mixed, dms.....lb. .26 - —
Toluol (toluene), pure, dms., works..gal. .27 - —
tanks, E. of Omaha, frt. alld. gal. .22 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .22 - —
Nitration, dms., wks.....gal. .26½- —
tanks, E. of Omaha, frt. alld. gal. .23½- —
Tonga vine, NF, bls.....lb. .30 - .35
root, bls.....lb. .40 - .41
Tonka beans, Angostura, cks..lb. 2.40 - 2.50
Brazilian, cs. .....lb. 1.00 - 1.15
Surinam, cs. .....lb. 1.15 - 1.20
Triacetin, dms. .....lb. .26 - —
Triamyl borate, dms., l.c.l., works..lb. .27 - —
Triamylamine, dms., c.l., works, lb. .77 - —
l.c.l., works.....lb. .80 - —
Tributylamine, dms., c.l., works, lb. .67 - —
l.c.l. .....lb. .70 - —
Tributyl citrate, dms., l.c.l., dlvd..lb. .35 - —
Phosphate, dms., l.c.l., dlvd., lb. .42 - —
cns., works .....lb. .46 - .48
Tributylamine, dms., l.c.l., works lb. .70 - —
Trichloroethylene, dms., c.l., works, frt. alld. Zone A..lb. .09 - —
l.c.l., dms.....lb. .095- —
Zone B, c.l.....lb. .105- —
l.c.l., dms.....lb. .110- —
Zone C, dms., l.c.l.....lb. .105- —

Zone A is East of the Rockies; B takes in Rocky Mountain States, and Zone C represents Pacific Coast States.

Tricresyl phosphate, CP, cns., dlvd..lb. .40½- .51½
dms., c.l., dlvd.....lb. .34½- —
500 lbs., dlvd.....lb. .37½- —
tech., 1, dms., c.l. .....lb. .23 - —
500 lbs., dms.....lb. .23½- —
less than 500 lbs., dms.lb. .26½- .27½
2, dms., c.l. .....lb. .22 - —
500 lbs., dms.....lb. .22½- —
less than 500 lbs.....lb. .25½- .26½
Triethanolamine, dms., c.l., works, lb. .21 - —
l.c.l., works.....lb. .22 - —
tanks, works.....lb. .20 - —
Triethyl phosphate, dms., dlvd., lb. .45 - —
Triethylenegtycol, dms., l.c.l., works..lb. .26 - —
Trimethyl phosphate, cns.....lb. .54 - .56
dms., dlvd.....lb. .50 - —
Trimethylamine, dms., c.l., dlvd., lb. 1.00 - —
l.c.l., dlvd.....lb. 1.05 - —
Triphenyl phosphate, dms.....lb. .38 - —
Tripoli, air-floated, bgs., c.l., works..ton. 26.00 - —
double-grd., bgs., c.l., works. ton. 16.00 - —
once-grd., bgs., c.l., works..ton. 14.50 - —
Trisodium phosphate (see Soda phosphate, tribasic).
Tungsten metal, powd., 99%, dms., wks..lb. 2.80 - 3.00
Oxide, CP, kgs.....lb. 2.65 - 2.75
tech., kgs. .....lb. 1.95 - 1.95
Turmeric root, Alleppey, bgs..lb. .05½- .06⅝
Madras, bgs.....lb. .06⅛ Nom.
Turpentine, spirits, gum, bbls., c.l., ex dock..gal. .26½- —
l.c.l., 10, ex dock.....gal. .28½- —
5, ex dock.....gal. .30½- —
wood, dest. dist., dms., dlvd. E. cities, ports..gal. .22 - .24
tanks, dlvd. E. cities....gal. .20 - —
steam-dist., dms., c.l., dlvd.gal. .27 - —
l.c.l., dlvd.....gal. .30 - —
tanks, dlvd.....gal. .22 - —

U

Unicorn root, false (see Helonias root).
True (see Aletris root).
Uranium oxide, kgs.....lb. 1.75 - —
Urea, dom., 46 + % N. bgs., 5 tons, f.o.b. Atl. ports or Belle, W. Va..ton. 96.00 - —
smaller lots, f.o.b. Belle, W. Va..ton. 96.00 - —
f.o.b. N. Y.....ton. 101.00 - —
import, 46% N. bgs., 5 tons, f.o.b. Atl., Gulf ports or Belle W. Va., shipt. ton. 96.00 - —
smaller lots, f.o.b. N. Y. from whse. 101.00 - —
pure, cs. .....lb. .14½- .15½
Urea-ammonia liquor 55% ammon., tanks, f.o.b. Belle, W. Va., or Atl., Gulf ports. NH_3 unit. No prices.
Uva ursi leaves, bls.....lb. .08¼- .09¾

Valerian—Zinc Arsenite

V

Valerian root, bls.....lb. .09 - .10
Valonia, beards, bgs., shipt..ton.45.00 - —
Cups, bgs., shipt.....ton.31.00 - —
extract, powdered, 63%.....lb. .06 - —
Vanilla beans, Bourbon, tins..lb. 4.40 - 4.75
Mexican, tins.....lb. 4.75 - 5.25
cut, tins.....lb. 4.25 - 4.50
South American, tins.....lb. 4.00 - 4.25
Vanillin, ex eugenol, 25-lb. tins, lb. 2.10 - —
5-lb. tins.....lb. 2.20 - —
Vanillin, ex guaiacol, 10c. per lb. less
Venice turpentine, true, cs....lb. .42 - .44
Verdigris, bbls., kgs.....lb. .22 - .23
Vinyl acetate, cns., works....lb. .25 - —
dms., c.l., 80,000 lbs., gross, works..lb. .14 - —
l.c.l., works.....lb. .15 - —
tanks, works.....lb. .13 - —
Violet, methyl, toner (see M).
V.M.P. naphtha (see petroleum naphtha, v.m.p.).

W

Wahoo root bark, bls.....lb. .40 - .41
Tree bark, bls.....lb. .22 - .23
Wattle bark, bgs., shipt.....ton.36.50 -38.50
Extract, bbls. .....lb. .04½- —
Wax, bayberry, import, bgs...lb. .16½- .17
Bees, white, bleach, slabs, cs., 500 lbs. .37 - .39
Wax, bees, yellow, crude, Africa, bgs., lots of 10.....lb. .20 - .20½
1 bg.....lb. .20½- .21
Brazil, Chile, bgs., 5-10 tons, lb. .22 - .22½
1 ton.....lb. .22½- .23
500 lbs. .....lb. .24 - .24½
100 lbs.....lb. .23 - .23½
refd., slabs, cs., lbs.....lb. .32½- .33
Candelilla, bgs., 1 ton.....lb. .15¼- .15⅝
jobbing lots.....lb. .15⅝- .16¼
Carnauba, No. 3, chalky, bgs., 1 ton..lb. .31 - .33
5 bgs.....lb. .31½- .33½
1 bg.....lb. .32 - .34
N. C. 2, bgs.....lb. .35½- .36
N. C. 3, bgs., 1 ton.....lb. .31½- .33
5 bgs.....lb. .32 - .33½
1 bg.....lb. .32½- .34
refined, bgs.....lb. .36½- .37
yellow, No. 1, bgs., 1 ton..lb. .40½- .41
5 bgs.....lb. .41 - .41½
1 bg.....lb. .41½- .42
No. 2, bgs.....lb. .39 - .39½
Ceresin, dom., 138°-140° m.p., bgs., 1 ton..lb. .08½- —
jobbing lots .....lb. .09½- —
150°-160° m.p., bgs., 1 ton.lb. .09½- —
jobbing lots .....lb. .10½- —
160° m.p., bgs., 1 ton.....lb. .10½- —
jobbing lots.....lb. .11½- —
Japan, cs.....cs. .09¾- .10
Montan, bgs., c.l.....lb. .11 - —
5 tons.....lb. .11¼- .11½
less than 1 ton.....lb. .11½- .11⅝
Ozokerite, hard, green, congeal, p. 66°-68° C., bgs..lb. .62 Nom.
70°-72° C., bgs.....lb. .35 Nom.
74°-76° C., bgs.....lb. .38 Nom.
snow-white, pure 76°-78° C., bgs..lb. .45 - .46
yellow, natural, 76°-78° C., bgs..lb. .35 - .36
Wax, paraffin (see P).
Spermaceti, blocks, cs.....lb. .22 - .23
cakes, cs. .....lb. .23 - .24
White lead (see Lead, white).
White pine bark, rossed, bls...lb. .06 - .06¼
White precipitate, powd., 5-lb. bots..lb. 1.59 - —
dms., 50 lbs., or more...lb. 1.46 - —
Whiting, chalk, com'l., dry-grd., blp. bgs., c.l., works..ton.12.00 - —
l.c.l., works.....ton.14.00 - —
bbls., c.l., works.....ton.15.00 -16.50
l.c.l., works.....ton.17.00 - —
pap. bgs., c.l., works..ton.11.20 -13.50
l.c.l., works.....ton.13.20 -14.50
wet-grnd., blp., bgs., c.s., works..ton.14.50 -15.00
l.c.l., works.....ton.15.00 -19.00
bbls., c.l., works.....ton.17.00 -18.00
gilder's bolted, blp., bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -19.50
l.c.l., works.....ton.19.00 -20.00
pap. bgs., c.l., works..ton.14.60 -15.50
l.c.l., works.....ton.15.60 -16.50
extra bolted, blp., bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -22.50
l.c.l., works.....ton.19.00 -22.00
pap. bgs., c.l., works..ton.14.60 -17.50
l.c.l., works.....ton.15.60- 18.50
Whiting, chalk, Paris white, blp., bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.60 -24.00
l.c.l., works.....ton.19.00 -25.00
pap. bgs., c.l., works..ton.14.60 -20.00
l.c.l., works.....ton.15.60 -21.50
English cliffstone (see Whiting, chalk, Paris white).
Limestone, air floated, 99.75%, 250 mesh, paper bgs., c.l..ton. 9.35 - —
99.75% 200 mesh, paper bgs., c.l., same basis.ton. 8.60 - —
90% 200 mesh, paper bgs., c.l., same basis.....ton. 6.25 - —
gilders, bgs, (extra), c.l., works..ton.11.50 - —
l.c.l., 8-20 tons, works.ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
extra, bgs., (extra), c.l., works..ton.12.50 - —
l.c.l., 8-20 tons, works, ton.13.50 - —
4-8 tons, works....ton.14.50 - —
2-4 tons works....ton.15.50 - —
putty grade, bgs. (extra), c.l., works..ton.11.00 - —
l.c.l., 8-20 tons, works.ton.12.00 - —
4-8 tons, works.....ton.13.00 - —
2-4 tons, works.....ton.14.00 - —
water-floated, bgs., ..extra), c.l., works..ton.11.50 - —
l.c.l., 8-20 tons, works.ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
precipitated, bgs., c.l., works, ton.15.00 - —
l.c.l., 5 tons, works....ton.20.00 - —
smaller lots, works....ton.25.00 - —
Wild cherry bark, thick, natural, bls..lb. .04¼- .05
rossed, bls.....lb. .06 - .07
thin, natural, bls.....lb. .06 - .07
rossed, green, bls.....lb. .09 - .10
Wild indigo root, bgs.....lb. .09 - 10
Witch-hazel extract, dist., NF, bbls..gal. .40 - .45
Leaves, bls.....lb. .07 - .08
Witherite (see Barium carbonate, natural).
Woodflour, dom., fine, bgs., extra, c.l., works..ton.25.00 - —
standard, bgs., c.l., works.. ton.20.00 - —
import, 70 mesh, bgs., ex dock, ton.22.00 - —
80 mesh, bgs., ex dock....ton.24.50 - —
100 mesh, bgs., ex dock...ton.27.50 - —
120 mesh, bgs., ex dock...ton.30.00 - —
Wormseed, American, bgs.....lb. .10 - .11
Levant, bgs.....lb. 3.70 - 3.75
Wormwood, bls.....lb. .09 - .10

X

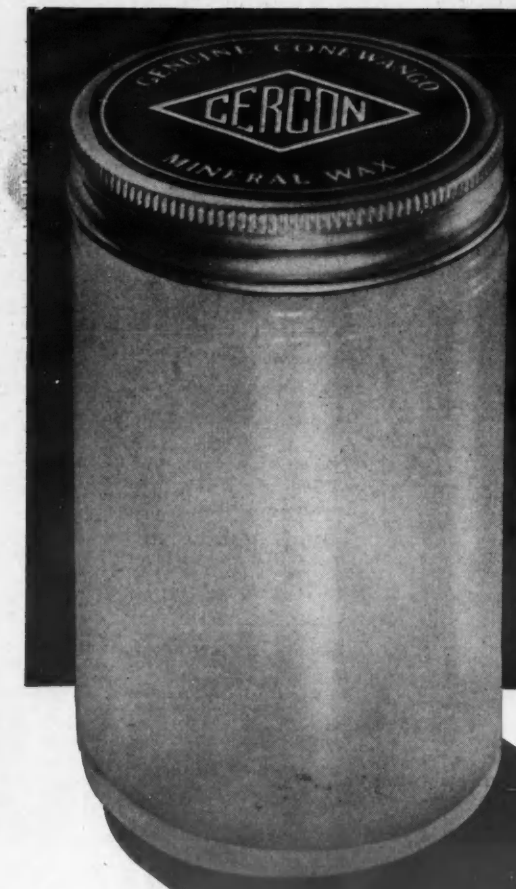
Xylol (xylene), indus., dms., works..gal. .31 - —
tanks, E. of Omaha, frt. alld., gal. .26 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .26 - —
nitration, dms., wks.....gal. .42 - —
tanks, E. of Omaha, frt. alld., gal. .33 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .33 - —
5°, dms., works.....gal. .37 - —
tanks, E. of Omaha, frt., alld., gal. .32 - —
10°, dms., works.....gal. .34 - —
tanks, E. of Omaha, frt. alld., gal. .29 - —
Xylidin, mixed, dms.....lb. .35 - .36

Y

Yara yara, cryst., cns.....lb. 1.25 - 1.50
Yellow, cadmium, CP, import., bxs..lb. 1.35 - 1.75
lithopone, all shades, bbls. 1 ton, works, frt. alld.lb. .45 - —
smaller lots, same basis, lb. .50 - —
kgs., ton lots, same basis, lb. .50 - —
smaller lots, same basis, lb. .55 - —
sulphide, orange, bbls., works, lb. .80 - —
Chrome, CP, bbls., dlvd. N. of Tenn. and N. C., E. of Miss., R., including Davenport, Minneapolis, Rock Island, St. Louis, St. Paul, contracts....lb. .14¼- —
open order .....lb. .15½- —
Chrome yellow CP prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport 1¼c.), Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo Salt Lake City, Wichita, prices are equalized with Chicago.
Dutch, pink, bbls.....lb. .09 - .11
Hansa, bbls., same basis, chrome..lb. 1.37 - —
primrose shade, bbls., same basis, chrome..lb. 1.75 - —
Mercury oxide (see M).
Yellow, ocher, Amer., golden, A, bbls., works..lb. .06½- —
B, bbls., works.....lb. .04½- —
C, bbls., works.....lb. .06½- —
yellow, A, bbls., works...lb. .02¾- —
B, bbls., works.....lb. .02½- —
C, bbls., works.....lb. .02 - —
D, bbls., works.....lb. .0195- —
E, bbls., works.....lb. .01775- —
F, bbls., works.....lb. .01½- —
G, bbls., works.....lb. .01½- —
H, bbls., works.....lb. .01¾- —
French, all shades, cks., c.l., ex dock Balto, Boston, N. Orleans, for import, lb. .02475- —
New York (f.o.b.)..lb. .02½- —
Philadelphia, for import..lb. .02¾- —
Portland, Seattle ..lb. .03 - —
San Pedro, S. Francisco..lb. .0290- —
l.c.l., ex dock, Balto, Boston, N. Orleans..lb. .02575- —
New York .....lb. .02½- —
ex-dock Phila., for import..lb. .02¾- —
Portland, Seattle....lb. .03½- —
San Pedro, S. Francisco..lb. .03 - —
ex whse., Balto., Boston, N. Orleans..lb. .02725- —
Chicago, E. St. Louis, Ind'polis, K. City, Milwauk., St. Louis, lb. .03¾- —
Minneapolis .....lb. .03¼- —
New York.....lb. .02¾- —
Pittsburgh .....lb. .03¼- —
Portland, Seattle....lb. .03¾- —
San Pedro, S. Francisco..lb. .03¼- —
f.o.b. N. Y., from dock, lb. .02¾- —
from whse. .....lb. .02¼- —
Oxide, nat., bbls., c.l., f.o.b. Bethlehem Easton, N.Y. lb. .04½- —
l.c.l., same basis.....lb. .04¾- —
synth., bbls., c.l., works...lb. .06½- —
l.c.l., works .....lb. .06¾- —
Persian orange (see O).
Zinc, bbls., same basis chrome CP. contracts..lb. .18 - —
open order .....lb. .19 - —
Yellow dock root, bls.....lb. .09 - .10
Yellow root (xanthoriza), bls..lb. .09 - .10
Yerba santa leaves, bls.....lb. .08 - .08½
Yohimbine hydrochloride, vis..oz. 2.50 - 2.55

Z

Zinc acetate, tech., bbls., dlvd., lb. .21 - —
USP., bbls., 250 lbs.....lb. .27 - —
kgs., 100 lbs.....lb. .29 - —
Arsenate, bgs., cs., c.l., dealers, E. of Rockies..lb. .12½- —
c.l., bgs., cs.....lb. .13 - —
E. of Rockies..lb. .12½- —
W of Rockies, bgs...lb. .12⅝- —
Arsenite, bgs., cs., c.l., dealers, c.l., bgs., cs.....lb. .13 - —
W. of Rockies, bgs....lb. .12⅝- —
Zinc arsenate and arsenite price are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for plant or whse. pick-up



PERHAPS THIS NEW SYNTHETIC WAX WILL LOWER YOUR PRODUCT COST

Into the highly complex field of commercial waxes comes CERCON, a refined mineral product which is supplied in six colors: Snowdrift, Lemon, Orange, Tangerine, Apricot and Olive.

Having an ASTM penetration of 50 with the 50 gram weight attached, CERCON has a wide scope of commercial uses. In many of these uses it offers the manufacturer or compounder a substantial saving over the material now in use, such as ceresin and ozokerite.

Without attempting to further analyze the application of CERCON to any given product or process, we offer test samples to any interested user of this type of material.

Your inquiry will be promptly acknowledged

The Conewango Refining Co.
WARREN, PENNSYLVANIA

Zinc carbonate, tech., bbls.....lb.	.14 -	.15
carbonate, tech., obls.....lb.	.14	.15
USP, precip., powd., bbls..lb.	.21 -	-
dms. .....lb.	.26 -	-
kgs. .....lb.	.23 -	-
Chloride, fused, dms., c.l., works..100 lbs.	4.25 -	-
l.c.l., works.....100 lbs.	4.50 -	
gran., dms., c.l., works, 100 lbs.	5.00 -	-
l.c.l., dms., works.100 lbs.	5.75 -	-
USP, 200-lb. dms.....lb.	.25 -	-
25 lb. jars.....lb.	.31 -	-
solut., dms., wks.....lb.	.04½-	-
tanks .....lb.	.0226-	-
Cyanide, kgs., works.....lb.	.33 -	-
Dust, bbls., c.l., dlvd.....lb.	.06¾-	-
l.c.l., bbls., dlvd.....lb.	.07¼-	-
Fluoride, bbls.....lb.	.20 -	.25
Iodide, N.F., bots.....lb.	4.25 -	-
jars .....lb.	4.20 -	-
Metal (see daily quotations in Market report)		
Oxide, pigment, dom., Amer., process, comi., lead free, bgs., c.l., dlvd..lb.	.06¼-	.07½
l.c.l., dlvd., except Pac. cst..lb.	.06½-	.07¾
ex whse., Pac. cst., lb.	.06½-	.07¾
bbls., c.l., dlvd...lb.	.06½-	.07¾
l.c.l., dlvd., except Pac. cst..lb.	.06¾-	.08
ex whse.. Pac. cst..lb.	.06¾-	.08
leaded, 5%, bgs., c.l., dlvd..lb.	.06½-	-
l.c.l., dlvd., except ex whse.,Pac. cst.lb.	.06¾-	-
bbls., c.l., dlvd....lb.	.06⅝-	-
l.c.l., dlvd., except Pac. cst..lb.	.06⅝-	-
ex whse.,Pac. cst.lb.	.06⅝-	-
35%, bgs., c.l., dlvd.lb.	.0590-	.06
l.c.l., dlvd., except Pac. cst..lb.	.0615-	.06¼
ex whse., Pac. cst. lb.	.0615-	.06¼
obls., c.l., dlvd..lb.	.0615-	.06¼
l.c.l., dlvd., except Pac. cst..lb.	.0640-	.06½
ex whse., Pac. cst. lb.	.0640-	.06½
50%, bgs., c.l., dlvd.lb.	.0592-	.0660
l.c.l., dlvd., except Pac. cst..lb.	.0617-	.0631
ex whse., Pac. cst.lb.	.0617-	.0631
Zinc oxide, dom., Amer. process, leaded 50%, bbls., c.l., dlvd..lb.	.0617-	.0631
l.c.l., dlvd., except Pac. cst..lb.	.0642-	.0656
ex whse., Pac. cst.lb.	.0642-	.0656
French process, com'l, lead-free bgs., c.l., dlvd..lb.	.06¼-	.07½
l.c.l., dlvd., except Pac. cst..lb.	.06½-	.07¾
ex whse., Pac. cst..lb.	.06½-	.07¾
bbls., c.l., dlvd.....lb.	.06½-	.07¾
l.c.l., dlvd., except Pac. cst..lb.	.06¾-	.08
ex whse., Pac. cst..lb.	.06¾-	.08
green seal, bgs., c.l., dlvd..lb.	.08 -	-
l.c.l., dlvd., except Pac. cst..lb.	.08¼-	-
ex whse., Pac. cst..lb.	.08¼-	-
bbls., c.l., dlvd.....lb.	.08¼-	-
l.c.l., dlvd., except Pac. cst..lb.	.08½-	-
ex whse., Pac. cst..lb.	.08½-	-
red seal, bgs., c.l., dlvd..lb.	.07½-	-
l.c.l., dlvd., except Pac. cst..lb.	.07¾-	-
ex whse., Pac. cst..lb.	.07¾-	-
bbls., c.l., dlvd.....lb.	.07¾-	-
l.c.l., dlvd., except Pac. cst..lb.	.08 -	-
ex whse., Pac. cst..lb.	.08 -	-
white seal, bgs., c.l., dlvd. lb.	.08½-	-
l.c.l., dlvd., except Pac. cst..lb.	.08¾-	-
ex whse., Pac. cst..lb.	.08¾-	-
bbls., c.l.....lb.	.08¾-	-
l.c.l., dlvd., except Pac. cst..lb.	.09 -	-
ex whse., Pac. cst..lb.	.09 -	-
Zinc, oxide, import, gold seal, cks., ex whse..lb.	.13 -	.14
green seal, bbls., ex whse., lb.	.10 -	-
white seal, cks., ex whse., lb.	.11 -	.12½
USP, bbls., c.l.....lb.	.09½-	-
Palmitate, bbls.....lb.	.23 -	.25
Resinate, fused, pale, bbls...lb.	.10 -	-
precip., dms., dlvd.....lb.	.15 -	-
Stearate, tech., precip., bbls., ctns., c.l..lb.	.20 -	-
l.c.l., 1 ton.....lb.	.21 -	-
1,000-2,000 lbs.....lb.	.22 -	-
less than 1,000 lbs..lb.	.23 -	-
U.S.P., bbls.....lb.	.21 -	.28
Sulphate, cryst., bgs., c.l.100 lbs.	2.75 -	-
l.c.l. .....100 lbs.	3.50 -	-
bbls., c.l. .....100 lbs.	2.90 -	-
l.c.l. .....100 lbs.	3.65 -	-
flake, bgs., c.l. .....100 lbs.	3.10 -	-
l.c.l. .....100 lbs.	3.85 -	-
bbls., c.l. .....100 lbs.	3.25 -	-
l.c.l. .....100 lbs.	4.00 -	-
l.c.l. .....100 lbs.	3.10 -	-
bbls., c.l. .....100 lbs.	4.50 -	-
l.c.l. .....100 lbs.	3.25 -	-
Sulphide, bgs., c.l. (20 tons), dlvd..lb.	.08¾-	-
l.c.l., dlvd. E. or ex whse., Pac. cst..lb.	.08¾-	-
bbls., c.l. (20 tons), dlvd..lb.	.08¾-	-
l.c.l., dlvd. E. or ex whse., Pac. cst..lb.	.08¾-	
Sulphocarbolate, NF, bbls...lb.	.24 -	.26
Zinc-ammonia chloride, dms., c.l., works..100 lbs.	5.15 -	-
l.c.l., works.....100 lbs.	5.50 -	-
Zinc-iron oxide, pigment, bgs., c.l., dlvd..lb.	.05 -	-
l.c.l., dlvd., except Pac. cst..lb.	.05½-	-
ex whse., Pac. cst..lb.	.05¾-	-

Zinc—Zirconium

Zirconium nitrate, kgs., work..lb.	3.00 - 4.00
Oxide, crude, 73-75%, grd., bbls., works..ton.	75.00 -100.00
kgs., small lots, works...lb.	.04¼- .04½
white, 95%, rgd., kgs., works, lb.	1.40 - 1.50

Synthetic Resins and other Branded Paint Materials

(Manufacturers' List Prices)

Note:—The list of prices previously printed weekly under the above heading is now printed once a month. The latest printing was in the November 7 issue; the next printing will be in the December 5 issue. Changes in prices—if any—made during the past week are noted in the report on the Paint, Varnish and Lacquer Materials Market, which begins on page 35.

Trade Briefs

W. H. Berry has been elected a member of the directorate of the Wesson Oil & Snowdrift Company, this city.

Standard Oil Company of California is installing a modern polymerization plant at its El Segundo refinery, at a cost of $650,000.

Innis, Speiden & Co., this city, has become an active member of the National Association of Insecticide and Disinfectant Manufacturers, Inc.

Armour & Company, Chicago, will move its New York offices to 80 Eighth Avenue December 3. The company has been located at 120 Broadway since 1916.

Southern States Cooperative has declared a three percent semi-annual dividend on the preferred stock, payable January 1, 1939. The cooperative also voted to purchase any stock outstanding ten years or more.

Hilton - Davis Chemical Company stockholders approved November 9, a $450,000 loan from Equitable Life Assurance Society of United States. Security of the loan consist of a first mortgage on properties in Hamilton, Ohio.

Gelatin and gelatin dessert powder and starch dessert powder specifications of the United States Treasury Department have been revised. The new specifications (C-G-191a) may be procured from the Superintendent of Documents, Government Printing Office, Washington, at 5 cents a copy.

U.S. Revenue Returns Show Increase in October

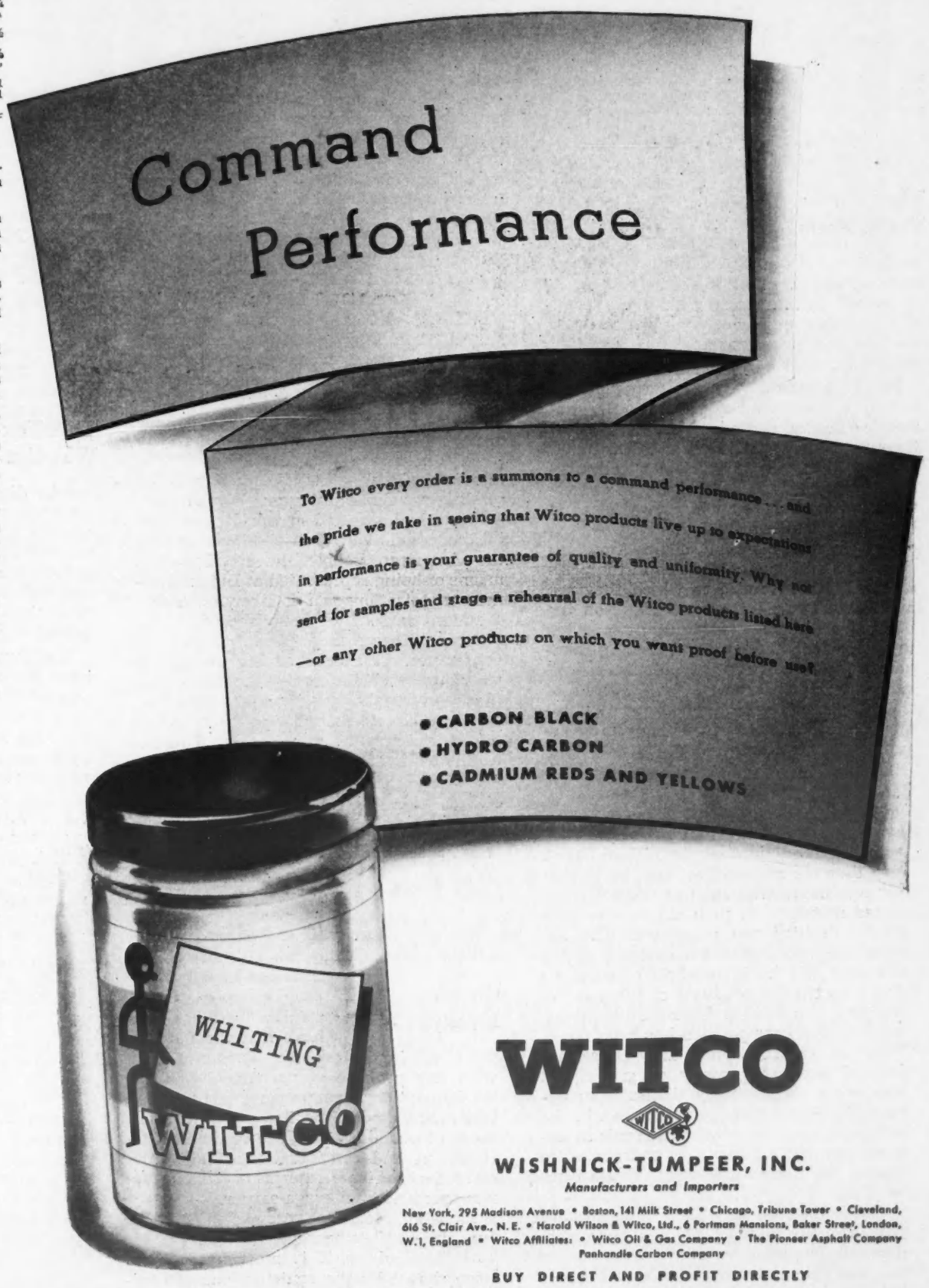
Collections of excise taxes by the Bureau of Internal Revenue, Washington, for October, 1938, compared with 1937, were as follows:—

Taxes Collected

	1938.	1937.
Chewing gum.....	$22.15	$102,016.05
Crude petroleum, processed	584.13	82,677.47
Coconut, etc., oils, processed	1,942,924.08	2,739,672.76
Distilled spirits, domestic, excise tax $2.25 per gal.	27,448,609.52	25,808,967.69
Distilled spirits, imported, excise tax $2.25 per gal.	2,676,991.40	3,242,721.36
Gasoline	18,423,802.59	18,267,971.77
Lubricating oils...	2,351,453.04	2,581,168.07
Matches	12,822.82	285,752.34
Narcotics, including special taxes	15,654.85	19,003.86
Oleomargarin, excise taxes.....	77,606.73	109,660.00
Oleomargarin, special taxes.....	27,878.60	51,884.17
Toilet preparations—		
At 5 percent....	16,403.35	677,913.57
At 10 percent...	954,279.08	782,171.83
Transportation of oil by pipeline.	1,002,685.72	983,846.68
Total internal revenue	$315,061,299.69	$284,249,925.33

Quantities Taxed

	1938.	1937.
Distilled spirits, domestic, tax gallon....	12,366,712	13,132,252
Distilled spirits, imported, tax gallons....	1,278,004	1,708,284
Distilled spirits, rectifield, proof gallons...	4,007,899	4,633,665
Oleomargarin, colored, pounds	27,866	64,620
Oleomargarin, uncolored	29,928,052	41,281,600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Oil, Paint and Drug Reporter

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Vol. 134 November 28, 1938 Number 22

The New Tariff Pacts

It is far too early to predict with any degree of accuracy what will be the net effect of the recently completed tariff bargains with Canada and the United Kingdom on business in the United States. Theories and expectations do not always work out in practice in connection with any revision of economic relationships, and the scope of the new bargains is so expansive that even theorizing must be indefinite.

It is clear that these tariff bargains were not primarily designed to benefit the domestic chemical and related industries; but it cannot be said on the basis of their broad face value that these industries were neglected in consideration. There are concessions in both bargains which may logically be expected to facilitate the development of larger markets for certain American chemicals and related articles in the parts of the British Empire to which they are applicable. There are concessions on the other side which may logically be expected to open wider and easier marketing channels in the United States for British chemicals and related articles. The outcome of these openings will depend in each instance on the manner in which the opportunities are utilized.

Not much definite competition in the domestic chemical market is apparent in the bargained concessions. It is assumable in respect of a number of the articles affected by reductions of the United States duty that the major effect will be to permit consumers who require or prefer imported materials to plan expansions with greater facility and assurance. The adverse effect on domestic business, if any is to result, will be in the field of competition wherein the products of these materials are competitive. There are instances where British competition has been facilitated in certain types and classes of finished products, mostly of grades not adequately supplied by domestic manufacture. This might revive interest in the perennial question of why domestic industries have not substantially endeavored to supply the higher grades of certain commodities.

The immediate benefits of the bargains will probably be more political than commercial. The latter will have to be worked out, and the existence of the former should help in this.

Why Not Go to Lima

There is still time for a business leader to be added to the official delegation from the United States to the Lima conference of American states; although he could not go along with the official party, he could fly down. It is not probable that such a representative will be named. It has been impossible to find out why none was named; whether any were asked; or whether business made any request to be represented. So, it is not possible to say who missed a big opportunity, or why.

A business adviser has been appointed on the delegation—the president of the National Foreign Trade Council. The value of this selection to industry in the United States is doubtful. Of course, trade with Latin America is foreign trade; therefore, the usefulness of an adviser with knowledge of foreign trade cannot be questioned. The usefulness of all the members of the delegation is obvious. But, this does not explain the equally obvious error of the omission of a representative of domestic industry.

Foreign traders almost universally have been supporters of the tariff bargain policy. Their interest is clear: tariff bargains do tend to increase foreign trade—in both directions. But, the volume of foreign trade as a whole—its quantitative evaluation—may not be qualitatively, or in net value, beneficial to United States industry or commerce. The economic welfare of the nation depends on the net aggregate income of all who must derive their livelihood from business—the wage-earner in the factory, the farmer, the industrialist, and the merchant. Not all these are benefited by an increased volume of foreign trade, even of export trade which must be sustained by commensurate purchases of foreign goods.

If business—domestic industry and commerce—desires to be represented at the Lima conference—and such representation is desirable—there is no bar to its sending unofficial observers. Women's organizations interested in world peace and in the promotion of friendliness among the American peoples have taken this means of being represented at Lima. Business organizations can do likewise. There are many reasons why they should.

Business has a large place in the Lima conference. It should be big enough in toleration and in courage to take that place—even though it be extramural. Business has no tendency to do or not to do as government says it should. There is a hint for it in the ancient limerick:—

There was a young chap so benighted
He never knew when he was slighted;
He'd go to a party
And eat just as hearty
As though he'd been really invited.

—O-P-D—

Business Equity

Business security is the most desirable national asset. It depends on more things than customarily have been regarded as essentials by those who have had the most to say about its desirability. It cannot exist with any promise of permanency unless its foundations are properly constructed and maintained. And its foundations are those of business itself, the equitable participation and consideration of all three elements of private enterprise—ownership, management, and wage-earner.

That appreciative recognition of this fundamental democracy of business is spreading where it is most needed has been shown by the contributions of business leaders to the discussion of profit-sharing systems in the senatorial study of these. The small committee of members of the United States Senate which is conducting this study has manifested a very commendable attitude toward its duty. The members have shown that they believe that business comprises a great deal of good and that the discovery of this can but be beneficial to the national welfare if what is discovered is properly evaluated and employed in the construction of a program of government-business relations.

The senatorial committee has learned that many corporations practically recognize the right of their employees to an equitable share in the returns from the combined and coordinated efforts of all the elements of their enterprises. They have learned something else that may have been unsuspected by them and must be disturbing to those who have declared the contrary; that is, that employees are as ready to stand their share of losses in times of distress as they are to share in the profits of prosperous periods. They have learned also that the business enterprises which have extended equitable treatment to their employees have been markedly free from "labor troubles."

These are good things to learn; far better than the daily news of fake partnerships for the evasion of the wage and hour law, or the policy of reducing wages to the statutory limit, applying the fallacious economic tenet that a fixed minimum must become the prevailing maximum. The nation, and business, needs more news of equitable relations between employer and employees; needs more examples of which to make such news.

—O-P-D—

This Tax Was Cut

Here and there in the welter of political proposals of heavier taxes and new taxes and the opposing business proposals of reduced taxes, no taxes, or shifted taxes, there can be discerned an idea that is new and sometimes promising. The idea of an incentive tax on business is in a manner new, and it has some promise; although a practicable system is still to be constructed, and some business leaders feel that the reward policy apparently involved might do more harm than good.

A different sort of incentive taxation has been displayed in the almost unique example of the reduction of the Louisiana severance tax on sulphur from $2 to $1.03 per long ton by legislative action endorsed by popular vote. This reducing of a business tax has quite aptly been styled a bit of "man-bites-dog" news by one commentator. It is a part of the efforts of the governor of Louisiana to put in operation a "fair-play-to-industry" program.

Of course, there is selfishness behind the reduction of the sulphur tax: production of sulphur in Louisiana had been decreasing while Texas was producing more; and the law of diminishing returns was costing the State a substantial loss of revenue. The selfishness that made wholly different tax news for Louisiana was of the enlightened sort, the far-seeing sort, of which politicians and even business men do not have enough.

Two morals may be drawn from the pioneering of Louisiana in the tax-reducing field. The major one is that even New Deal politicians are not blind to the usefulness of satisfying business. The other—perhaps it is of equal importance—is that it pays business to help government solve its problems—the Louisiana sulphur producers waived the constitutional exemption from ad valorem taxation of sulphur in the ground.

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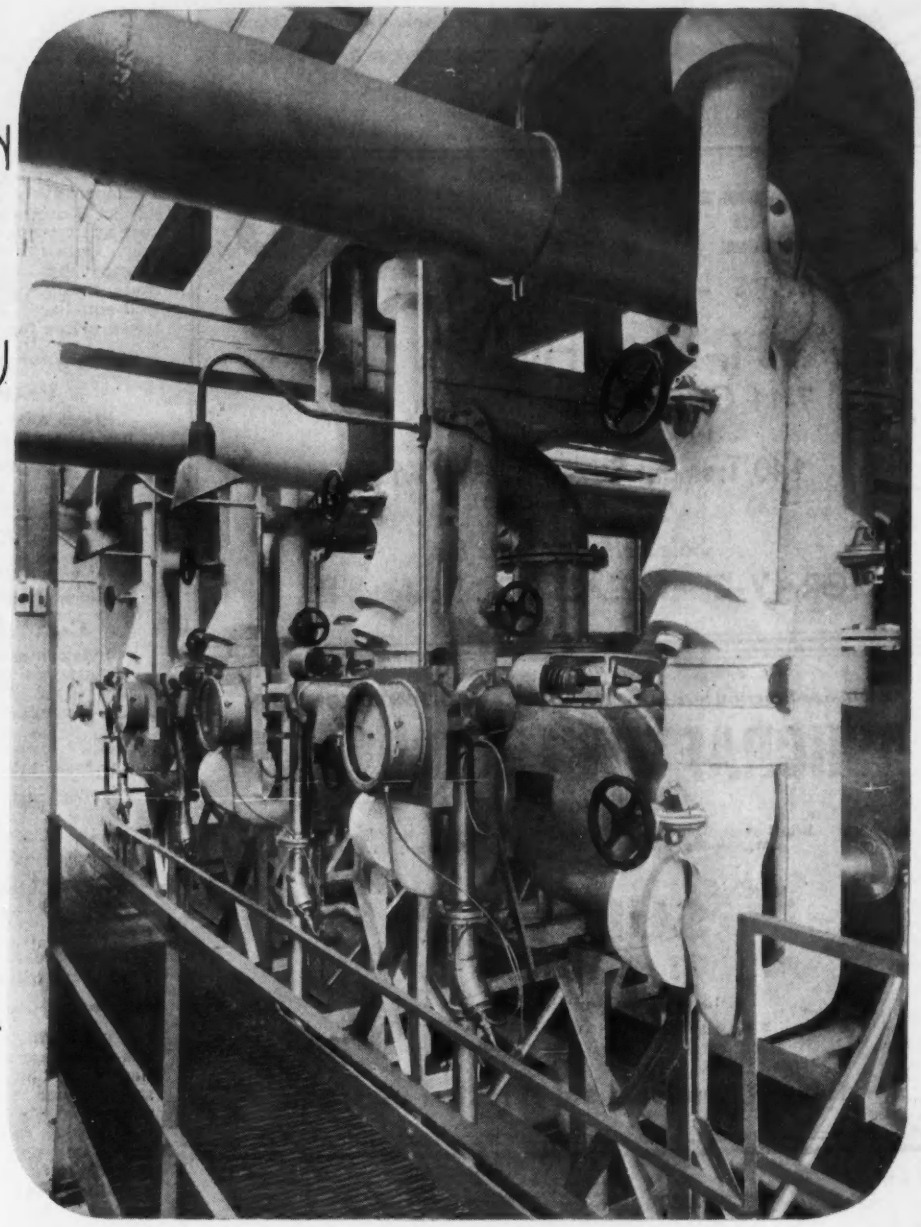

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Heavy Chemicals

Soda Pyrophosphate Reduced—Phosphoric Acid Lower—Iron-Free Alumina Sulphate, Soda Sulphate, Refined Sulphur and Carbon Tetrachloride Prices Renewed

Dealings in the market for heavy chemicals was irregular last week. The market had to contend with another holiday interruption for one thing, while there was evidence of a marking time policy by some consuming interests. Chemicals entering the automotive and metallurgical industries gave a comparatively good account of themselves. Renewals of contracts for next year at the same basis continued to appear. Only a few heavy chemicals were affected by the Canadian-American trade treaty, with concessions pretty well equalized. Price changes included lower prices for anhydrous soda pyrophosphate, 75 percent phosphoric acid, and strontium chloride. Some specialties, including potash abietate, soda abietate and soda alginate were advanced.

Alumina sulphate, iron-free, ammonia and potash alums, soda acetate, soda chlorate, soda sulphate, anhydrous, strontium nitrate, potash perchlorate, carbon tetrachloride and various grades of refined sulphur were all carried into next year at the same price levels. Sellers report an active interest in contract renewals at current levels, and so far satisfactory progress has been reported in booking business for next year. Alums were moving steadily. Alkalies maintained recent improvement. Potash salts were moderately active. Cyanides were well taken by the automotive trade. Mineral acids showed comparative stability in most directions. Agricultural insecticides and fungicides were seasonally quiet.

Heavy chemicals affected by the reciprocal trade treaty with Canada were limited. Concessions were granted to Canada in acetic acid, crude calcium acetate, cobalt oxide, salt, hydrated lime, crude and ground feldspar. Sulphuric acid and soda cyanide remained on the free list. The United States received tariff reductions or exemptions from excise taxes on salt in bulk, soda bicarbonate, soda sulphite, soda chlorate and feldspar ground, but not further manufactured.

Alums.—Contracts were carried into next year on iron free alumina sulphate, ammonia and potash alums at the same basis. Alumina sulphate commercial was announced previously at the unchanged level. Business was progressing at steady levels in virtually all divisions of the market. The new Canadian reciprocal trade treaty removes the excise tax on alum and alum cake with the existing duty rate of 15 percent remaining unchanged.

Ammonia, Anhydrous.—Final preparations were being made for solicitation of 1939 contracts beginning November 28 for acceptance on or before December 31, 1938. The contract prices will be uniform 1½c. per pound under spot quotations. Nationwide schedule was published October 31.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Potash abietate, 1c. per lb.
Soda abietate, 1c. per lb.
Soda alginate, 1c. per lb.

Reduced

Acid, phosphoric, 75 p.c., 1½c. per lb.
Soda pyrophosphate, anhy., 80c. per 100 lbs.
Strontium chloride, 1c. per lb.

Comparative Values

Index numbers compiled from twenty-five typical chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
147.2	147.2	147.2	154.3

Index numbers compiled from twelve typical acids on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
99.6	99.6	99.6	99.7

Market news that may have developed after this report was sent to press will be found on page 4.

Ammonia Aqua.—A fair amount of contract work has been accomplished for aqua ammonia in drums at the levels published recently, quotations remaining firm for the first quarter, subject to the usual quarterly adjustment clause.

Ammonia Bicarbonate.—Contract work for next year was progressing at a moderate pace, while current business was along steady lines.

Ammonia Carbonate.—Usual consumers were giving the market support for fair sized quantities again last week. Sellers report a satisfactory amount of contract work for next year at the unchanged basis.

Sal Ammoniac.—The call for the white and gray material was moderately active throughout the week just ended. A normal amount of contract renewals were reported in most sections at the recently announced levels.

Antimony.—The spot price for domestic antimony remained unaltered at the 12¼c. per pound level, with the demand continuing quiet in most quarters. There was nothing new to report in the market for the oxide and needle powder, with quotations unaltered.

Arsenic.—The market for red and white arsenic was steady to firm as far as prices were concerned. Withdrawals were described as only fair in the majority of instances.

Barium Salts.—A firm tone characterized the dealings in the market for various barium derivatives, although commitments were of a modest nature in the carbonate, chlorate, dioxide, fluoride, fluosilicate hydrate, nitrate and oxide. Contracts for next year were being booked at unchanged levels for barium chloride.

Bleaching Powder.—Contract renewals for 1939 at the unchanged basis was proceeding at a comparatively good pace in this direction. Usual consumers were supplying a steady call for this material last week.

Blue Vitriol.—Despite the fact horticultural demand was seasonally dull, the market received good support for commercial consuming purposes, while the export demand was holding at satisfactory levels. Pricewise the market remained unchanged.

Calcium Acetate.—Quotations were without change in the market last week. Business was along routine lines for the most part. The duty on crude calcium acetate entering this country was reduced from 1c. per pound to ½c. per pound under the new Canadian-American reciprocal trade agreement.

Calcium Carbide.—With the appearance of cooler weather in some sections of the country, shipment of this material for ice control activities was reported underway. The outlook continued bright for the winter season in view of the diversified uses perfected for small consumers. A satisfactory amount of contracts were being booked for next year at the unchanged levels announced recently.

Carbon Bisulphide.—Contracts were renewed for next year at the same basis as announced the preceding period. Business was of a moderate character in most instances, with consumers content to order for nearby requirements.

Carbon Tetrachloride.—Sellers were accepting contracts for next year at the same basis as now prevailing. Demand from the dry cleaning industry was showing some slight seasonal decline, while other consumers were displaying a fairly steady interest.

Chlorine.—Major consumers continue to make their appearance for quantities commensurate with current requirements, which in some instances were showing definite signs of broadening. A satisfactory amount of contract work has been consummated for next year in tanks at the unchanged basis announced a short time ago.

Cobalt Oxide.—The duty on cobalt oxide entering this country from Canada under the new trade agreement remained unchanged at 10c. per pound, with the ad valorem equivalent of the new rate 8 percent. Business in this direction was chiefly concerned with small quantities for nearby needs.

Copper.—Dealings in the market for domestic copper were moderate again last week. Price was unchanged at the 11¼c. per pound level. Interest was

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7

chiefly focused in the foreign market, where the price has been declining recently because of curtailment suspension by the cartel. However, word from abroad was to the effect that the members of the foreign copper cartel would begin production restrictions amounting to approximately 110 percent of standard tonnage by the first of January. This will mean a reduction of some 11,000 tons per month. Before restrictions were lifted on October 15, foreign producers were operating at 105 per cent, and before this the rate was 95 percent. Following the official action of the cartel export prices were advanced to 10.70c. per pound as against a low of 10.45c. per pound earlier in the week. The action abroad was expected to have a firming effect on the domestic price.

Copper Salts.—Quotations were without alteration in the market for various copper derivatives. A moderate amount of business prevailed in the market for the carbonate, chloride, cyanide, nitrate and oxides of copper.

Copperas.—Sellers were able to point to a steady call from principal consuming channels. Higher steel operations continue to favor production of this material, and the position of the market was not nearly as tight as a few months ago. Steel operations last week were scheduled at 61.9 percent of capacity, compared with 62.6 percent a week ago and 31.0 percent in the corresponding period a year ago.

Feldspar.—Sellers could point to some mild improvement in this direction recently. Pricewise there was nothing new to report. Under the new trade treaty with Canada this country has reduced the duty on crude feldspar from 35c. to 25c. per ton, and on ground feldspar from 30 percent to 15 percent. On feldspar ground, but not further manufactured, the pact granted this country a concession from 20 percent to 15 percent.

Glauber's Salt.—Leading consumers were displaying a good interest in the market at times, sellers were concentrating on next year's contract renewals at the same basis, with a moderate amount of success reported to date.

Lime.—The market for chemical lime was keeping pace with the improvement in the chemical industry recently, and withdrawals were generally improved in most sections. Prices were without change. Concessions were granted to Canada under the new trade treaty on some lime not especially provided for and on hydrated lime, bringing the rate to 6c. per pound, against 8c. per pound previously.

Potash Abietate.—Price was advanced 1c. per pound to the 9c. per pound level. The market was concerned with modest withdrawals for the most part.

Potash Carbonate.—A satisfactory amount of contract work for next year was progressing in most directions, while business was keeping steady from most major consuming channels.

Potash, Caustic.—Sellers were concerning themselves with 1939 contracts at the unchanged basis announced recently. Volume of business from most consumers was moderate and along broader lines.

Potash Cyanide.—Contract renewals for next year were coming in at a fair pace, while the call from the electroplating and case hardening industry was holding at comparatively steady levels.

Potash Perchlorate.—A steady to firm tone characterized the dealings in the market, and sellers were booking contracts for next year at the same basis as previously.

Salt.—Demand for industrial salt was keeping pace with higher industrial activity in most basic consuming lines. Pricewise the market remained firm. Under the Anglo-American trade treaty United States will grant concessions to Canada on package salt and bulk salt amounting to 4c. and 3c. per 100 pounds, respectively. The excise tax of 3 percent will be removed on bulk salt entering Canada from the United States, while the duty of 4c. per 100 pounds will remain in effect.

Soda Abietate.—The market was concerned with small quantities, price was advanced 1c. per pound to 11c. per pound.

Soda Acetate.—Contracts were being renewed for next year at the same levels for granular, flake and powdered material. Business was along moderate lines in most quarters.

Soda Alginate.—Quotation was 1c. per pound higher at the 70c. per pound level. Withdrawals were made for nearby requirements only, and small amounts usually made up the call.

Soda Ash.—Business continued to show satisfactory volume of orders, with basic consumers withdrawals chiefly confined to nearby production requirements. Contract work for next year was proceeding at a normal pace.

Soda Bicarbonate.—The market continued to enjoy a steady demand from usual consuming interests last week. Contract work for next year was progressing at a good pace. Canada granted the United States a concession from 25 percent to 12.5 percent on the duty for soda bircarbonate entering that country under the reciprocal trade agreement.

Soda, Caustic.—Withdrawals were of a broad character, and the volume was displaying improvement in most instances. A moderate amount of work has been consummated on new contracts for next year at the unchanged price levels.

Soda Chlorate.—Sellers were booking contracts for next year at the same basis as previously. Business was along routine lines for this time of the year. Under the Canadian-American trade treaty a reduction of 2½ percent was granted to imports of this material into Canada.

Soda Cyanide.—A steady interest was displayed in the market from the automotive industry. Contracts renewals were making their appearance in good volume for next year at the unchanged basis. Soda cyanide remained on the free list under the new United States-Canadian trade treaty.

Soda Pyrophosphate — Quotations were reduced 80c. per 100 pounds for the anhydrous material. Expanding business in the market and lower production costs were advanced as the reasons for the reduction. The new schedule follows: bags, car lots, freight allowed East of Denver and including Denver $5.10 per 100 pounds, less car lots, $6.10 per 100 pounds; barrels, car lots, same basis, $5.30 per 100 pounds and less car lots, $6.30 per 100 pounds.

Soda Silicate.—Major consuming interest continue to make comparatively good withdrawals of this material. Sellers were busily engaged writing contracts for next year at the unchanged levels.

Soda Sulphate, Anhydrous.—Contracts were carried into next year at the levels now in force. The call from principal consuming sources was maintained at comparatively good levels recently.

Strontium Nitrate.—Contracts were carried into next year at the same basis. Business was along routine lines for the most part, with moderate quantities making up the call.

Strontium Chloride.—Quotations were 1c. per pound lower ranging from 11c. to 12½c. per pound, according to quantity. Interest in the market was reported at steady levels.

Sulphur, Refined. — Quotations for various grades of refined sulphur were extended into the 1939 contract year at the same basis as now prevailing. Business was moderately active in most directions, with some broadening in the demand evident.

Tin Salts.—Quotations for various tin derivatives remained at the levels established the previous week. Tin crystals were quoted at 36c. to 36½c. per pound; stannous chloride, anhydrous, 44c. to 44½c. per pound, anhydrous tetrachloride of tin, 23½c. per pound. Strait's metal was quoted around 46.10c. per pound. The International Tin committee decided to carry into the first quarter of 1939 the sales quota of 35 percent of standard output established for the final quarter of this year. In addition 10 percent is to be allotted to the buffer pool setup.

Zinc Sulphate.—A satisfactory amount of contract work was reported for next year in the market at the unchanged basis reported recently. Current business was at a comparatively steady pace for fair size quantities.

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7

Acids

Business in the market for various mineral acids was at moderate levels in the majority of instances, with gradual improvement still evident in most directions. Quotation on 75 percent phosphoric acid was revised downward, while the 50 percent material was without change. Contract work for next year on mineral acids was proceeding at a satisfactory pace in all directions.

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The Canadian-United States reciprocal trade treaty granted concessions in acetic acid, while sulphuric acid remained on the free list.

Acetic.—Business was at moderate levels in most directions again last week. Sellers were concentrating on contract renewals for next year. Under the Canadian-United States trade treaty this country granted Canada concessions on imports of not more than 65 percent acetic acid, making the new rate ¾c. per pound, compared with 1⅜c. per pound previously. On more than 65 percent material the new rate will be 1c. per pound, against 1¼c. per pound.

Battery.—A satisfactoy amount of contract business for next year was uncovered in the market last week. Withdrawals from the battery trade continued steady.

Chromic. — Sellers were directing their attention toward renewing contracts at the same basis for next year. Demand from the plating trade continued moderately active.

Formic.—Contract renewals for next year were making their appearance in satisfactory fashion last week. Demand was along moderate lines in most instances.

Muriatic. — Major consumers were supplying a fair call in the market throughout the past week. Contracts were being extended for next year at current levels.

Oxalic.—The market continued to enjoy a broad consuming interest for moderate quantities. Contracts for next year were being renewed at the same basis, with some good results accomplished to date.

Phosphoric.—Quotation for the 75 percent material in the Eastern territory was reduced 1½c. per pound to the 7½c. per pound level. Price for the 50 percent phosphoric remained unchanged at 6c. per pound. Withdrawals were along moderate lines in most instances.

Sulphuric.—Some grades of sulphuric were showing moderate improvement, reflecting the better operations in some of the basic consuming industries. Contract work for next year at the unchanged levels was proceeding at a satisfactory pace. The status of sulphuric acid in the Canadian-American reciprocal trade pact remained unchanged, with the acid retained on the free list.

BALTIMORE, Nov. 22.—The events of the last week failed to cause any changes in the market for sulphuric acid, with the manufacturers of fertilizer mixtures still disposed to take their time about enter-

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ing into commitments. Meanwhile acid is quoted at $12 per ton for 60-degree and at $15 per ton for 66-degree stocks. Oleum also is unchanged at $17 per ton for 20 percent material.

Insecticides

The market for agricultural insecticides and fungicides moved through a quiet week. There was no developments of importance to report in the market. Price schedules in all instances were steady to firm. The Secretary of Agriculture announced an amendment to the regulations of the quarantine relating to the pink bollworm of cotton, effective November 17, 1938. This revision adds to the lightly infested areas that part of Pinal County in Arizona and the Texas counties of Brooks, Nueces, Kenedy, Klebert and Jim Wells. The regulated area now includes six entire counties and part of another in Arizona, twelve in New Mexico and thirty-five counties and parts of two others in Texas.

Calcium Arsenate.—A steady to firm price tone characterized the dealings. Only small withdrawals made up the call in scattered sections last week.

Lead Arsenate.—Developments of importance were conspicuous by their absence in the market throughout the past week. Quotations were maintained at previous established levels.

Paris Green.—There was nothing of importance to divulge in the market last week. Price schedules were in conformity with the previous period.

Patents Investigation Will Be Tripartite

—Continued from page 3

nomic conditions in recent years, covering fluctuations in production, employment, national income, and similar subjects, designed to give a picture of what has been termed the "performance record" of American economy and of the structure of the economic system.

Following this the committee will turn its attention to patent pools, licensing, and other patent controls, studying first the automobile patent pools and then taking up the patent situation in the glass industry, particularly the container field. This section of the hearings will be conducted in a rather unusual procedure under which all witnesses will be presented and questioned by representatives of the Department of Justice, the Department of Commerce, and the Federal Trade Commission. This is authorized by a section of the enabling resolution which directs executive agencies to present testimony to the committee.

Subjects to be studied after the first of the year have not been announced, but various government departments are preparing material on a number of economic problems which will be presented to the committee under the same procedure.

M.C.A. Issues Acid Manual

A manual of instructions for unloading muriatic acid from rubber-lined tankcars has just been issued by the Manufacturing Chemists Association of America. It is available at the Washington office of the association as manual sheet TC-2 in loose-leaf form for ring binders.

Dow Chemical to Absorb Great Western Chem. Co.

—Continued from page 3

pletely destroyed when the conflict was finished and all operations excepting the manufacture of liquid chlorine were then abandoned. About 1920 the company was reported to have been about $1,000,000 in the red, but that year perhaps also marked the greatest step forward in the company's history with the entry into the organization of J. F. C. Hagens, at the time general manager, but later to become president, which office he presently occupies.

Under Mr. Hagens' guidance the Great Western Electro-Chemical Company added many products to its line and a steady growth took place. The company has expended $5,500,000 in property and plant equipment since its inception. Last year it had a record of $3,313,247.17 in gross sales and showed a net profit after depreciation and income tax of $531,852.

Its largest item from a tonnage standpoint today is caustic soda. About 1,500 tons of this material is made monthly. Liquid chlorine production is currently running at 1,300 tons per month. About 600 tons of xanthates, 450 tons of hydrochloric acid, 300 tons of sulphur dioxide and 100 tons of ammonia are turned out each month. Other products include caustic potash, ferric chloride, ammonium chloride, methyl bromide, methylene chloride, potassium metabisulphite, zinc hydrosulphite, carbon tetrachloride, chloroform and hexachlorethane. A household lye and drain opener are two items going into the retail trade.

Known as "Bear Brand," its products have been well advertised. Its present plant, in the same location, now covers an area of about 54 acres and consists of some thirty buildings. The plant is practically next door to the Shell Petroleum Company's nitrogen fixation plant which is manufacturing sulphate of ammonia on a large scale.

By the terms of the proposed merger each issued share of 6 percent cumulative preferred stock, $20 par value, of Great Western would be converted into 3-16 of a share of Dow common stock without par value; and each issued share of common stock without par value of Great Western would be converted into one share of Dow common stock without par value. Great Western has outstanding 94,550 shares of preferred stock and 69,260 shares of common stock.

The Dow Chemical Company, of which J. T. Pardee is chairman and vice-president, and Willard H. Dow is president and general manager, was incorporated in Michigan in 1897 as successor to the Dow Process Company. Major divisions of the company's business comprise the manufacture of pharmaceuticals and fine chemicals, industrial chemicals, aromatic chemicals, insecticides and fungicides, dyes and magnesium metal and metal alloys.

Hercules Powder Company has appointed J. Rex St. Clair manager of the Wilmington office of the explosives department, succeeding J. J. Kelleher, who resigned November 11. Mr. St. Clair has been affiliated with the explosives industry since 1918.

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60° 66° 98%
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Metal Protection

Plasticizers for Cellulosic-Base Coatings for Metals

(Continued from November 21 issue)

Benzene nitrochloride
Benzene sulphamide
Benzene sulphoacid-phenylether
Benzene sulphoanilide
Benzene sulpho-ortho-chloranilide
Benzene sulphodiethyl-amide
Benzene sulphodimethyl-amide
Benzene sulphoethyl-amide
Benzene sulphoethyl-anilide
Benzene sulphomethyl-anilide
Benzene sulpho-ortho-toluide
Benzene sulphoparatoluide
Benzene trichloroanilide, asym.
Benzenesulphamine
Benzenesulphoalpha-naphthylamine
Benzenesulphobeta-naphthol
Benzenesulphobeta-naphthylamine
Benzenesulphodiphenyl-amine
Benzenesulpho-ortho-phenetidin
Benzenesulphopara-phenetidin
Benzicin
Benzoic acid benzylester
Benzosol
Benzotrichloride
Benzoylbenzenesulph-amide
2-Benzoylbenzoic acid esters
Benzoylguaiacol
Benzoyltoluenesulpha-mide
Benzyl acetate
Benzyl acetylsalicylate
Benzyl adipinate
Benzyl alcohol
Benzyl benzoate
Benzyl compounds
Benzyl cyclohexyl-phthalate
Benzyl isoamylphtha-late
Benzyl laevulinate
Benzyl pentachloranilide
Benzyl propionate
Benzyl normal propyl-phthalate
Benzyl tetrachloroanilide
Benzyl trichloroanilide
Benzyldihydrocarvone
Benzylglucose
Benzylhydrocarvone
Benzyldiene diacetate
Benzylideneglycerol
Benzylsucrose
Betabutoxyethyl benzyl-benzoate
Betabutoxyethyl fluorene-9-carboxylate
Betachloroethyl naphthe-nate
Betaethoxyethyl 2-para-toluoylbenzoate
Betagammadibromopro-pyl ester of coconut oil acids
Betagammadistearoxy-propyl chloride
Betaine chlorate
Betaine chromate
Betaine nitrate
Betaine permanganate
Betamethyl adipate
Biguanidin nitrate
Borneol
Borneol butyrate
Borneol phthalate
Borneol ethoxyacetate
Borneol ethoxychloroace-tate
Borneol methoxyacetate
Borneol methoxychloro-acetate
Borneol phthalate
Borneoldibromodihydro-cinnamic acid
Bornyl acetate
Bromocyclohexane-1:4-di-carboxylic acid
Bromoethyl cinnamate
Butyl acetate
Butyl acetylricinoleate
Butyl adipinate
Butyl benzoate
Butyl carbamate
Butyl carbanilate
Butyl di-isoamylphos-phate
Butyl laevulinate
Butyl octylacetate
Butyl oleate
Butyl palmitate
Butyl phosphate
Butyl propionate-acetate
Butyl resinate
Butyl stearate
Butyl tartrate
Butyleneglycol diacetate
2-Butyloctanol carboxyl-esters
2-Butyloctanol esters
Butylpentaerythritol
Butylphthalyl butylgly-collate
Camphor
Camphorcarbitol phthal-ate
Camphrosal
Carbonic acid phenolic esters
Carboxylic acid deriva-tives of secondary ali-phatic aromatic amines
Carboxylic acid esters of—
(1) 2-Butyloctanol
(2) Di-2-ethyl butyl-phthalate
(3) Di-2-ethylbutyl-succinate
(4) 2-Ethyl butylace-tate
(5) 2-Ethylbutanol-1
Casterol
Castor oil
Castor oil, acetylated processed
Celludol
Centralite
Cetyl salicylate
Chinawood oil
Chloral
Chlorhydrins
Chlorinated diphenyl
Chloroacetanilide
Chloroethyl cinnamate
Chloronaphthalene
Chloronaphthyl acetate
4-Chlorophthalic acid
Chloroxypropyl cinna-mate
Cinnamene
Cinnamyl compounds
Citric acid phenolic esters
Coconut oil
Cresyl carbonate
Cresyl dimethylphosphate
Cresyl paratoluenesul-phethylanilide
Cresyl phosphate
Cresyl thiophosphate
Cresylanilides
Cresylanilide phosphate
Cresylphenyl ether
Cresyl-phosphoric dianil-ide
Cresyl-phosphoric esters
Cyclic ethers
Cyclohexanol
Cyclohexanol acetate
Cyclohexanol formate
Cyclohexanol phthalate
Cyclohexyl adipinate
Cyclohexyl benzylbenzo-ate
Cyclohexyl-levulinate
Cyclohexyl 2-naphthol-benzoate
Cyclohexyl phthalate
Cyclohexylethanolamine
Cyclopentanol
Cyclopentanol formate
Dextrin diacetate
Dextrin dibutyrate
Dextrin ditartrate
Dextrin pentacetate
Dextrin tetratartrate
Dextrin triacetate
Diacetin
Diacetochlorhydrin
Diacetonearabitic ether
3:4-Diaminobenzoic acid
Dialkyl oxalates
Diamyl oxalate
Diamyl phthalate
Dibenzenesulpho-2:7-dioxynaphthalene
Dibenzenesulphopara-cresol
Dibenzyl benzenesulph-amide
Dibenzyl parachlorobenzenesulphanilide
Dibenzyl paratoluene-sulphamide
Dibenzyl paratoluene-sulphanilide
Dibenzyl paratoluene-sulphoimide
Di-2-butyl octylphthalate
Di-2-butyl octylsuccinate
Dibutyl oxalate
Dibutyl phthalate
Dibutyl stearamide
Dibutyl succinate
Dibutyl tartrate
Dichlorobenzyl benzoate
3:6-Dichlerophthalic acid
Dicresyl methylphosphate
Dicresylglyceryl ether
Dicresylin
Dicresyl-phosphoric acid Amylester
Dicresyl-phosphoric acid ethylester
Dicresyl-phosphoric acid methylester
Dicresyl-phosphoric anilide
Dicyanodiamide
Dicyanodiamidin
Di-dimethylcyclohexanol oxalate
Diethyl adipate
Diethyl hydrophthalate
Diethyl isophthalate
Diethyl phthalate
Diethyl sebate
Diethyl tartrate
Diethylbromoacetylurea
Diethyldiphenylurea
Diethylsulphodimethyl-methane
Diethylsulphomethyl-ethylmethane
Diethylsulphone
Diethylurea
Diglycerol
Diheptylsulphone
Dihydroxybenzene
Dihydroxydinaphthyl ketone
Dihydroydiphenyl sulphonate
Dihydroxydiphenylsul-phone
Di-isoamylethylsulphone
Di-isoamylsulphone
Di-isobutyl phthalate
Di-iosbutylsulphone
Di-iso N-butylsulphone
Di-isopropylsulphone
Dimethyl adipate
Dimethyl phthalate
Dimethylaminobeta-coumarin
Dimethylanilin
Dimethylcyslohexanol oxalate
Dimethylcyclohexylcar-boxylic acid
2:4-Dimethyldimethylene dioxide
Dimethylphenyl carba-mide
Dimethylsulphone
Dimethylurea
Dinaphthyl amylphos-phate
Dinaphthyl carbonate
Dinaphthyl ketone
Dinaphthyl-phosphoric acid amylester
Dinaphthyl-phosphoric acid methylester
Dinaphthyl-phosphoric anilide

(To be continued)

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Coaltar Chemicals

Coaltar Solvent Prices Extended for First Half of 1939—Maleic Acid and Phthalic Anhydride Fairly Active—Steady Demand for Most Coaltar Colors

Business in the market for coaltar chemicals was moderately active last week. The paramount feature was the release of first half 1939 contract prices for coaltar solvents. Contracts were offered for next year's gallonage requirements on benzol, toluol, xylol and solvent naphtha. Other basic coaltar chemical contract prices for next year were expected to be released shortly. In the interim a steady to firm price tone governed the dealings, and the market failed to record any fluctuations pricewise.

Improvement in steel operations recently has improved the statistical position of the market to some extent, although the broader demand for most products has partially offset the higher production. Benzol output has shown some improvement in the past few months, but sellers report a fairly broad demand has kept supplies well below normal proportions. Toluol and xylol moved at a steady pace, with stocks adequate to cope with the improved demand. Withdrawals of phenol were along fairly broad lines, the synthetic resin and plastic trades were mentioned as supplying a good call. Cresylic acid was in moderate demand from some consuming interests. A fair amount of buying was uncovered for various grades of cresol. Crude naphthalene failed to display any renewed buying interest, while stability was noted in the imported quotations. A routine interest characterized the dealings in coaltar and creosote oil at this time. Certain intermediates and acids entering the synthetic resin, plastic and lacquer industry were mentioned as showing better consuming interest. Benzoic, maleic and phthalic anhydride were prominently mentioned. Orthodichlorobenzene quotations were extended into next year at the same levels. The market for coaltar colors and stains reflected to a certain degree the improvement in some textile and shoe mill operations in preparation for Spring business.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None

Reduced

None

Comparative Values

Index numbers compiled from twenty typical coaltar products on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
125.9	125.9	125.9	127.3

Market news that may have developed after this report was sent to press will be found on page 4.

Basic Products

Benzol.—Quotations continued firm in the market last week. Business was being booked for the first six months of 1939 at current price levels. The call from major consuming channels held at relatively good levels last week. The recent improvement in production was offset to some degree by a broader demand, and stocks were still at a minimum. Steel operations were scheduled at 61.9 percent of capacity, compared with 62.8 percent in the preceding week. 53.7 percent last month and 31.0 percent in the corresponding period a year ago, according to the American Iron and Steel Institute. The higher steel operations were chiefly accounted for by the increased operations in the automotive industry, and also reflected moderate improvement in demand elsewhere.

Coaltar.—Withdrawals against contracts for the crude and refined material was steady last week. Price schedules were without alteration. Exports of coaltar from Germany during the first five months of 1938 totaled 626 metric tons, against 1,548 metric tons in the same period a year ago.

Creosote Oil.—Leading consumers were displaying a moderate call for the various grades of creosote oil last week. Announcement of next year's price schedule was expected shortly.

Cresol.—The market received a fair amount of attention from major consumers such as the disinfectant, synthetic resin and dyestuff trade. Quotations were in conformity with the previous period. During the first five months of 1938 Germany exported 853 metric tons of cresol, compared with 775 metric tons in the like period a year ago.

Cresylic Acid.—Some consumers were withdrawing moderate size quantities at this time, with reports indicating the synthetic resin demand was showing more stability. Price schedules were without alteration. Quotations for the imported material were held at former levels.

Naphthalene.—The market for crude naphthalene failed to show any renewed buying interest from major sources last week. Contract work for the refined was progressing satisfactory for next season. Prices were without change. The quotation for the imported crude material was holding steady at the $1.85 per hundred pound level, but there was not a great deal of business reported in the market. Exports from Germany during the first five months of 1938 amounted to 3,290 metric tons, against 5,578 metric tons in the same period a year ago.

Phenol.—Interest in this direction was along fairly broad lines throughout the past week, with the call coming from the plastic, synthetic resin, dyestuff, chemical processors and pharmaceutical trade for moderate size quantities. No change was reported in the quotations. Germany exports 72 metric tons of phenol during the first five months of 1938, contrasted with 295 metric tons in the same period a year ago, according to the American consulate general at Frankfort-on-Main.

Solvent Naphtha.—Quotations were extended for the first half of 1939. Business was of a routine character throughout the period just closed.

Toluol.—Prices have been renewed for first half of next year. Withdrawals from the lacquer continue to give the market a good buying support. Activity in the automotive industry remained the chief contributing factor, and the outlook for the remainder of the year was bright.

Xylol.—Quotations have been repeated for the first half of 1939. A steady interest was manifested in the market, and supplies were adequate to cope with the demand at this time.

Chicago Coaltar Bases

Purchases of coaltar bases are reported to be fairly substantial. It is reported some price-cutting has existed in motor benzol here and there, but in general the benzol market has been giving a good account of itself. Ruling prices exclusive of tax are:—Benzol, 90 percent, 16c. to 17c. per gallon; motor benzol, 10½c. to 11c.; toluol, 23c.; 10-degree xylol, 23c.; solvent naphtha, 26c.; creosote oil, grade 1, 13½c. to 14c.

Coaltar Acids

Benzoic.—The synthetic resin and plastic industry was providing a steady call in this direction throughout the past week, while other consumers were displaying moderate interest. Prices ruled unchanged.

Cleve's.—A steady to firm price tone predominated in the market, and business was of a modest character for the most part, with consumers content to order for nearby requirements.

Fumaric.—Usual consumers displayed a routine interest in the market during the past week. Pricewise there was nothing new to report, and quotations remained firm.

Maleic.—The call for the powdered and anhydrous material was reported moving at a steady pace for the account of the synthetic and plastic consumers. Prices were without alteration.

Succinic.—A fair volume of business was uncovered in the market at times, with most consumers placing commitments for nearby needs. Quotations were in conformity with the preceding period.

—Continued on page 29

Current prices on coaltar products are given in the alphabetical list of prices beginning on page 7

N.A.I.D.M. Convention Program Completed

—Continued from page 4

Afternoon Session

Report of insecticide literature and patents committee, by John N. Curlett, of McCormick & Co., Baltimore.

"Let's Sell the Public What It Needs," by H. A. Thomas, Shell Petroleum Corporation, St. Louis, of the Committee.

"Office Building Sanitation," by Frank S. Cooper, jr., of the International building, Rockefeller Center.

Report of sanitary specialties committees, by Melvin Fuld, of Fuld Brothers, Baltimore.

"Determination of Rotenone and Pyrethrins in Insecticides," by J. J. T. Graham, senior chemist, Department of Agriculture, Washington.

Tuesday, December 6

Morning Session

"A Method for Bacteriologic Testing of Chemical Solutions for the 'Cold Sterilization' of Surgical Instruments," by Dr. Geo. F. Reddish, of the Lambert Pharmacal Company, St. Louis.

"Methods of Testing," by Dr. Emil G. Klarmann, of Lehn & Fink Products Corporation, Bloomfield, N. J., Chairman, Disinfectants and Antiseptics Literature and Patents Committee.

"Scientific Phase of Disinfectant Specifications," by Jack Varley, of Baird & McGuire, Inc., St. Louis.

"Outlook in Disinfectants Marketing," by H. W. Hamilton, of the White Tar Company of N. J.

"What Shall We Do With Specifications?", by Gordon Baird, of Baird & McGuire, Holbrook.

"Insecticides and Disinfectants in the Fur-Bearing Animal Industry," by Dr. R. G. Law, of Canadian National Railways, Montreal, Canada.

"Home Made Fly Sprays," by Dr. R. C. Roark, of the Bureau of Entomology and Plant Quarantine, Department of Agriculture, Washington.

Report of insecticide scientific committee, by Dr. Alfred Wood, John Powell & Co., Inc.

Afternoon Session

"Products Liability Insurance," by Clarence E. Cooper, of Clarence E. Cooper Co., Inc., New York.

"Some Practical Aspects for Fair Trade Marketing," by Q. Forrest Walker, R. H. Macy & Co., this city.

Election of officers and board of governors.

Coaltar Chemicals

—Continued from page 28

Other Intermediates

Alphanaphthylamine. — A moderate demand continued to prevail in the market last week. A steady to firm price tone governed the dealings.

Anilin.—The market received a satisfactory amount of business from principal consuming channels, with the disposition to order to nearby needs still apparent. Prices ruled unchanged.

Benzidin Base.—A routine interest was focused in this direction throughout the past week. Quotations were without alteration.

Dinitrobenzene.—Shipments were of a moderate character in the majority of instances, but interest was maintained at steady levels. No change was recorded in the quotations.

Diphenyl.—Usual consumers supplied the call for modest amounts of material for urgent requirements. Prices were without change.

Nitrobenzene.—Volume of business was maintained at fair levels in most directions throughout the period just closed. A steady to firm price tone continued to govern the transactions.

Orthodichlorobenzene.—Sellers were booking contracts for next year at the same price level as now prevailing. Business from major consuming sources was holding at satisfactory levels in most instances.

Phthalic Anhydride. — Interest from the plastic and synthetic resin trade continued to move at a steady pace,

—Continued on page 30

Virginia-Carolina Chemical Sued for Fumes Damages

Birmingham, Ala., Nov. 21, 1938

The Virginia-Carolina Chemical Company is named defendant in twenty damage suits seeking $1,000 each, on file in circuit court here. The plaintiffs contend they were injured as a result of "negligent" operation of the company's plant in allowing gases to escape. The fumes and gases also damaged vegetation at the homes of the plaintiffs, it is contended. The company manufactures fertilizer and sulphuric acid.

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Here is a Benzol completely free of corrosive compounds—that will keep your stills running on a continuous maximum production basis—with fewer shut-downs for cleaning.

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FLOTATION · ANIMAL DIPS

SOAP · RESINS · ANTISEPTICS

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Cresylic Acid

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4. Separates acids from this tar . . .
5. Refines these acids in large volumes in a thoroughly modern plant put into operation late in 1937.

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British Tariff Pact Furthers Cresol Imports

—*Continued from page 3*

items are rosin, sulphur, and crude borax, and the most important of the low-duty items are carbon blacks, petrolatum, refined borax and boric acid, and chestnut tanning extract. Other items on which existing British rates are bound are natural asphalt and bitumen, paraffin, certain medical and surgical appliances, and certain dental instruments.

Concessions made by the United States in the chemical schedule of the tariff act are said to affect only a small part of the imports under that schedule. Duty reductions are made on products, imports of which from the United Kingdom were valued at $1,300,000 in 1937; and the statutory duties are bound against increase on product imports of which were valued at $262,000.

The duty reduetion on palmkernel oil relates only to the edible oil which has been subject to a duty of 1 cent per pound. The new duty will be ½ cent per pound as long as the 3-cent processing tax applies, and this tax, applicable to both edible and inedible oil, is bound at the existing rate.

The duties on cresols are reduced, but it is said that imports have hitherto supplied very little of the rapidly expanding market. The duty on high-priced toilet soaps is reduced by one-third. Total imports of toilet soaps are less than 1 percent of domestic consumption. Other duty reductions in this schedule apply to precipitated chalk children's and artists' colors, synthetic iron oxide and iron hydroxide pigments, leather soap, and a number of other articles.

In the earthenware schedule, an important concession is the reduction in the duty on kaolin from $2.50 to $1.75 per long ton. In the sundries schedule duty reductions have been made on high-grade toilet brushes and toothbrushes. Coaltar crudes are bound on the free list.

Colonial Concessions

Among the United States concessions made to the colonies are reduction in duty on Newfoundland fluorspar, and bindings on colonial shipments of chrome ore or chromite, cocoa beans, asphalt, copra, palm nuts and palm kernels, sundry essential oils, and several kinds of spices. Duty reductions were made on crude umbers, salt, mangrove extract, graphite, molasses and sugar syrups, and several kinds of sponges.

The colonial concessions to the United States include the following summaries:—

Asphalt and bitumen: — One reduction and seven bindings.

Chemicals and chemical products:—Twenty-seven bindings.

Grease:—Four reductions and twenty-one bindings.

Lard:—Five reductions and sixteen bindings.

Oils, lubricating:—Nine reductions and seventeen bindings.

Paints, enamel, turpentine and varnish:—Five reductions and twenty-seven bindings.

Soap, common:—One reduction and five bindings.

Toilet preparations: — Two reductions and twenty bindings.

Articles Affected by U.K. Pact

The following tables list import and export concessions on articles in the chemical and related fields under the tariff bargain with the United Kingdom:

Concessions on U.S. Imports Into the United Kingdom

The rates of duty shown, except those designated as preferential rates, are those applicalbe to imports from the United States and other non-British countries. Except where a preferential rate is shown, the articles listed are duty-free when imported from British countries. The sequence of items in this list follows that of the British import list, with minor exceptions.

Except for the products mentioned in the next paragraph, the rates of duty shown in the following table are those assessed under the British import duties act, 1932, or the Ottawa agreements act, 1932, and, for most articles listed, are the full duties payable on those articles. In some cases, however, because of the fact that the United Kingdom has a composite tariff consisting of a number of separate duty schedules, duties assessed under other legislative enactments may be payable instead of, or in addition to, the duties shown. The duties assessed under such other enactments are the key industry duties and duties such as the revenue duties on alcohol or sugar, assessed on commodities contained in the articles included in the following table. In the case of any toilet preparations or other products which may contain alcohol, the actual duty payable will be either that shown in the table or the duty payable in respect to the alcohol content, which ever is the greater.

	Existing rate.	New rate.
Corn (maize) starch	10%	10%
Feedstuffs—		
Linseed cake and linseed meal	10%	10%
Fish meal, other than herring meal	10%	10%
Crushed oyster shells	10%	10%
Other food products—		
Citrus fruit pectin in powder form	10%	10%
Honey	7s. 0d. per cwt. (ad val. equiv.—15.5%)	5s. 0d. per cwt. (ad val. equiv.—11.1%)
A. B. gums	10%	10%
Lard	10%	Free
Oleomargarin, oleo oil and refined tallow, not including premier jus	10%	10%
Boron minerals, crude, and concentrates of boracite and rasorite	Free	Free
Asphalt and bitumen, natural	10%	10%
Sulphur	Free	Free
Cotton, linters, unbleached	Free	Free
Rosin (colophony)	Free	Free
Chemical products—		
Paraffin wax	10%	10%
Boric acid (refined)	20%	20%
Borax (refined)	20%	20%
Sodium chromate	10%	10%
Sodium bichromate	8s. 0d. per cwt.	8s. 0d. per cwt.
Chestnut extract	10%	10%
Carbon black from natural gas	10%	10%
Oil varnishes containing one or more of each of the following ingredients, viz., resins, drying oils, thinners and driers, but not including cellulose ester varnishes and preparations containing pigments	20%	15%
Petroleum jelly, not containing any other substance	10%	10%
Soft soap	20%	15%
Hard soap, other than abrasive and toilet soap	20%	15%
Shaving soap and cream and brushless shaving cream	30%	15%
Celluloid (cellulose nitrate) film base, not sensitized, and celluloid scrap and waste	10%	10%
Toilet preparations of the following descriptions (excluding bath salts and essences, prepared fuller's earth and soap): Tooth paste or powder and liquid preparations for dental purposes and mouth washes, toilet paste or powder, toilet cream, lipstick, rouge and greasepaint, hair dyes, preparations for use in manicure or chiropody, other preparations for use on the hair, face or body	30%	20%
Printers' ink	20%	17.5%
Drawing ink	20%	15%
Paste and mucilage, prepared, in small containers	20%	17.5%

Concessions on U. K. Imports Into the United States

Rates of duty followed by percent signs (%) are assessed on an ad valorem basis. The ad valorem equivalents of the rates established under the agreement (as shown in appropriate column) are based on official statistics of total imports from all countries in 1937, or are estimated on the basis of unpublished information.

Abbreviations:—Par., paragraph; (est.), estimated; n. a., not available; n. s. p. f., not specially provided for.

Dutiable Articles

Par., act of 1930.		Existing rate.	New rate.	Ad valorem equivalent of rate under agreement (%).
1	Carbon dioxide weighing with immediate containers and carton, 1 lb. or less per carton	c. per lb. on contents, immediate containers, and carton.	1c. per lb. on contents, immediate containers, and carton	1
1	Stearic acid, valued at more than 8c. per lb.	25%+3c. per lb. excise tax	15%+3c. per lb. excise tax	*49
5	Sodium alginate	25%	20%	20
7	Ammonium carbonate and bicarbonate	2c. per lb.	1c. per lb.	17.5
13	Blackings, polishes, etc., not containing alcohol	25%	12.5%	12.5
20	Precipitated chalk	25%	15%	15
27 (a)	Cresols—			
(2) and (5)	Separated cresols (meta, para, and ortho) 75-90 percent pure, and meta-paracresol, 75 percent or more pure	7c. lb.+ 40%	3½c. lb.+20%	n.a.
27 (b)	90 percent or more pure—			
	Metacresol and paracresol	3½c. lb.+20%	3½c. lb.+15%	n.a.
	Orthocresol	3½c. lb.+20%	1¾c. lb.+10%	n.a.
31 (a) (1)	Cellulose acetate, not made into finished or partly finished articles	50c. per lb.	25c. per lb.	7
31 (b) (2)	Manufactures of sheets, bands, etc., of cellulose film	60%	50%	50
34	Dried pawpaw juice or crude papain, natural and uncompounded, not edible, n.s.p.f. but advanced in value or condition beyond that essential to prevention of decay, etc	0%	5%	5
38	Sumac extract	3%	15%	15
38	Myrobalan extract	15%	10%	10
38	Mangrove extract	15%	7.5%	7.5
39	Flavoring extracts, etc., not containing alcohol	25%	15%	15
41	Isinglass	25%	25%	25
43	Writing and copying ink	10%	10%	10
49	Precipitated magnesium carbonate	1½c. per lb.	1c. per lb.	20
49	Magnesium oxide or calcined magnesia	7c. per lb.	5c. per lb.	30
52	Sod oil	5c. per gal.	3c. per gal.	9
52	Refined sperm oil	14c. per gal.	7c. per gal.	19
52	Spermaceti wax	3½c. per lb.	2½c. per lb.	13
52	Wool grease and lanolin—			
	Containing more than 2% of free fatty acids	1c. lb. + 3c. lb. excise tax	½c. lb. + 3c. lb. excise tax	*110
	Containing 2% or less of free fatty acids not suitable for medicinal use.	2c. lb. + 3c. lb. excise tax	1c. lb. + 3c. lb. excise tax	*59
	Suitable for medicinal use, including adeps lanae, hydrous or anhydrous	3c. lb. + 3c. lb. excise tax	2c. lb. + 3c. lb. excise tax	*40
54	Palmkernel oil, edible	1c. lb. and processing tax of 3c. per lb.	½c. lb. and processing tax of 3c. per lb.†	†50
58	Patchouli oil, not containing alcohol	12.5%††	12.5%	12.5
61	Bath salts, perfumed	75%	37.5%	37.5
65 (a) (2) & (4)	Artists' colors—			
	In tubes, jars, cakes, etc., not over 1½ lbs., net weight, each—			
	Not assembled—			
	Valued at 20c. or more per dozen pieces—			
	In tubes or jars	2c. per tube or jar+40%	2c. per tube or jar+25%	89
	In cakes, pans, or other forms.	¼c. per cake, etc.+40%	1¼c. per cake, etc.+25%	43
	In bulk or in any form exceeding 1½ lbs., not weight each	8¼c. per oz.	5c. per oz.	n.a.
66	Enamel paints, n.s.p.f.	5%	15%	15
68	Ultramarine blue, valued at more than 10c. per lb	c. per lb.	3c. per lb.	23
72	Litharge	2½c. per lb.	2½c. per lb.	28
72	Red lead	2¾c. per lb.	2¼c. per lb.	22
72	Lead pigments, n.s.p.f. (except suboxide of lead)	0%	20%	20
73	Umbers, crude or not ground	½c. per lb.	1/10c. per lb.	11
73	Synthetic iron oxide and iron hydroxide pigments	0%	15%	15
75	Spirit varnishes, containing 5% or more methyl alcohol	5%	15%	15
75	Varnishes, n.s.p.f.	25%	15%	15
80	Toilet soap, valued at more than 20c. per lb.	0%	20%	‡23 (est.)

—*Continued on page 52*

COAL-TAR **NEVILLE** PRODUCTS

• **SYNTHETIC RESINS** For adhesives, aluminum paint, chewing gum, paper coatings, floor tile, pipe coatings, paint, varnishes, lacquer, printing ink, rubber compounding, waterproofing.

• **PLASTICIZING OILS** Inert, viscous, high-boiling liquids, practically non-volatile. Unusual chemical resistance. Used in connection with synthetic resins, natural gums, chlorinated rubber, flypaper, adhesives, aluminum paste. Also oils for various uses including wood preservation, shingle stains, and rubber compounding work.

• **SOLVENTS** A complete group of coal-tar solvents—refined, semi-refined and crude. Available in standard distillation ranges, and also special fractions for individual needs. For the coatings industry; soap, textiles, chemicals, and synthetic resins, as well as rubber and ink.

Samples of Neville Products gladly furnished

THE NEVILLE COMPANY
PITTSBURGH, PA.

20

Coaltar Chemicals

—*Continued from page 29*

while other consumers were displaying a slightly better demand at times. Prices were unchanged.

R Salt.—Dealings in the market were of a routine nature again last week. There was nothing new to report in the price, and quotations were firm.

Xylidin Mixed.—A steady to firm price tone predominated in the market, while business was along modest lines throughout the week just ended.

Coaltar Colors

With some textile and shoe mills preparing for an active Spring season, the market for coaltar colors and stains reflected to a certain degree the improved operating schedules in most lines. The cotton textile and the woolen industry in the New England section voiced some disapproval over the recent Anglo-American trade treaty as proving harmful to their interests. Pricewise the market failed to record any changes.

Victor Chemical Promotes Home Use of Pyrophosphate

An improvement in a chemical process, which would seem to involve only the manufacturer, says Victor Chemical Works, Chicago, has had results that have reached directly into the homes of millions of people. Normal sodium pyrophosphate, manufactured by the Victor Company for many years, was found to impart astonishingly increased sudsing and cleansing properties to household soaps.

Chemical and engineering research by Victor Chemical Works developed an improved process of manufacture which, it says, lowered the cost to a point where the application of pyrophosphate to the new use became economically feasible, and today millions of women in their homes are the direct beneficiaries. A whiter wash with less rubbing, less scum in the tubs and washing machines, more suds with less soap, softer feel to the fabrics, less yellowing with age, and better slip to the iron, are but a few of the benefits which Victor Chemical Works says are being enjoyed by millions of women in their daily work.

Dyestuffs, Textile and Leather Chemicals

Reciprocal Trade Agreement Lowers Price for Zinc Dust—Mangrove Bark, J1, Myrobalans, Valonia Beards and Wattle Barks Lower—Sumac Advanced

Trade in the market for dyestuffs, textile and leather chemicals displayed some irregularity throughout the past week. While preparations were proceeding in major textile and leather industries for Spring, some large consuming interests were showing caution before making any large commitments at this time. Considerable interest was centered in the Anglo-American and Canadian-American reciprocal trade treaty, and resentment was voiced in woolen and cotton textile industries in the New England and Southern areas. The leather industry for the most part approved the trade pact. As far as chemicals were concerned, the bichromates received concessions, while zinc dust was affected by the agreement reducing the import duty. Price changes included lower quotations for zinc dust, mangrove bark, J1 myrobalans, valonia beards, African wattle barks, and higher prices for ground and leaf sumac.

A fair amount of contract work was progressing in the bichromates at the recently announced unchanged basis. The tariff duty was reduced on soda bichromate by 2½ percent under the Canadian reciprocal trade agreement. Production of bichromates in the Canadian Dominion were practically negligible last year. Zinc dust price was adjusted downward to conform with the lower basic metal price and the reduced tariff duty under the Canadian-American trade treaty. Contracts were extended into next year at the same levels for crystal and solution alumina chloride. Cochineal and logwood still proved the most active in the natural dyestuff division. Egg products were unchanged, with cooler weather auguring well for more seasonable commitments. Corn derivatives held their recent gains, and prices were firm. Quotations for common gambier were nominal, and material was scarce. Sumac ground and leaf material were revised upward, while slight reductions were recorded for mangrove bark, J1 myrobalans, valonia beards and East and South African wattle barks. Business for most tanning materials was slightly better.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Sumac, ground, $2 per ton.
leaf, $2 per ton.

Reduced

Mangrove bark, $1 per ton.
Myrobalans, J1, 50c. per ton.
Valonia beards, $1 per ton.
Wattle bark, E. African, 50c. per ton.
S. African, 50c. per ton.
Zinc dust, 3-10c. per lb.

Comparative Values

Index numbers compiled from nineteen typical dyestuffs on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
147.0	147.0	150.1	155.1

Market news that may have developed after this report was sent to press will be found on page 4.

Chemicals

Alumina Chloride.—Quotations for the crystal and solution were carried into next year at the same levels. Withdrawals were of a moderate nature, with some broadening in the demand evident.

Potash Bichromate.—Sellers were concerning themselves with renewing contracts for next year, at the unchanged basis announced the preceding week. Business was currently at steady levels. Imports into Canada for the year ended March 31, 1938, amounted to 86,217 pounds, of which 79,673 pounds came from the United States and 6,544 pounds from the United Kingdom, compared with 191,603 pounds in the same period last year, of which 146,149 pounds came from this country.

Potash Prussiate.—A steady to firm tone governed the dealings, with business along modest lines for the most part.

Soda Bichromate.—Contract renewals at the unchanged basis were proceeding at a fair pace last week. Current business was moderately active. Under the Canadian-American trade pact the duty on soda bichromate was reduced from 15 percent to 12.5 percent, effective January 1. Available records of the Dominion Bureau of Statistics indicate that there is no production in Canada of bichromates. Imports during the year ended March 31 aggregated 2,730,809 pounds, of which 2,058,276 pounds came from the United States; 275,705 pounds from the United Kingdom and 396,828 pounds from other countries. This compares with 2,893,584 pounds imported in the previous year, of which 2,321,064 pounds came from the United States; 249,827 pounds from the Soviet Union; 236,414 pounds from the United Kingdom and 86,279 pounds from other countries.

Zinc Dust.—Quotations were reduced 3/10c. per pound, reflecting the contemplated duty reduction on imports of zinc and zinc dust entering this country from Canada under the reciprocal trade agreement. The new rate will be 1 2/5c. per pound, compared with 1¾c. per pound, effective the first of next year.

Dyestuffs

Annatto.—Interest in this direction continued to be confined to small quantities, with withdrawals fairly well diversified from principal consuming sources. Prices ruled unchanged.

Cochineal.—Shipment were moving steadily in most directions, although some caution was discernible from large consuming channels. A steady to firm price tone continued to govern the dealings.

Indigo.—Usual consumers of the natural material were making only necessary withdrawals in the market last week. No change was uncovered in the price schedule.

Logwood.—A steady to firm price tone characterized dealings throughout the past week. Commitments were along fairly broad lines for moderate quantities.

Sizing Materials

Albumen, Blood.—Quotations were without change for the domestic and imported material. Business from the textile trade and other large consumers was at fair levels throughout the past week.

Albumen, Egg.—A steadier price tone prevailed in the market last week, and quotations were held at the levels established the preceding week. Cooler weather may stimulate the demand, which has been considerable below normal so far this season.

Dextrin.—A steady interest was manifest in the market from practically all major consuming sources, although commitments were confined to necessary quantities. Prices were well sustained at the levels established in the preceding period. Corn grind of eleven refiners of syrups, starches, sugars and other derivatives of corn for month of October totaled 6,105,872 bushels, against 6,044,311 in the preceding month and 4,330,189 bushels in the same month a year ago. For the first ten months this year corn grind aggregated 54,320,445 bushels, compared with 54,656,556 bushels in the same period a year ago, according to the Corn Industries Research Foundation.

Starch.—Various grades of corn starch were in moderate demand throughout the past week. Quotations were well sustained at the higher levels reported the previous period. Visible supplies of corn for the week ended November 19 totaled 42,355,000 bushels, against 38,560,000 bushels in the previous week and 19,621,000 bushels in the corresponding period a year ago. A plastic manufactured from potato flour has been developed in The Netherlands. The new product is called "Anrass-glass" in transparent form and "amylite" in opaque form. The products may be easily bored, sawn, ground, bent, shaped, colored and decorated, according to the office of the American commercial attache at The Hague.

Current prices on dyestuffs and tanstuffs are given in the alphabetical list of prices beginning on page 7

Tanning Materials

Gambier.—Quotations for gambier common were nominal. The supplies were practically neglible at this time. Prices for the cubes and plantation material were unchanged and the market was steady.

Mangrove Bark.—Price was lowered $1 per ton to the $23 per ton level. A fair amount of business was reported in the market last week.

Myrobalans.—A slight reduction was recorded for J1 myrobalans at $23.50 per ton, while the quotations for J2 and R2 myrobalans were without alteration. A slight pickup in business was noticeable last week.

Sumac.—The ground and leaf sumac was advanced $2 per ton to $67 and $70 per ton, respectively. Withdrawals were moderately active in most directions.

Valonia Beards.—The beards were $1 per ton lower at $45 per ton, and the cups remained unchanged at $31 per ton. A little pickup was discernible at times throughout the past week.

Wattle Bark. — Slight concessions were reported for the East and South African wattle bark at $36.50 and $38.50, respectively. Demand was along routine lines for the most part.

Hinde & Dauch Paper Company, Cleveland, plans the construction of a corrugated box factory in Detroit.

A.C.S. to Discuss Intermolecular Action

Leading physical chemists of the United States will hold a three-day meeting on "Intermolecular Action," sponsored by the division of physical and inorganic chemistry of the American Chemical Society, at Brown University, Providence, R. I., December 27 to 29. The scientists will attend the ceremonies dedicating the Metcalf research laboratory at Brown University December 28.

In a series of twenty-two scientific papers, thirty-eight chemists will discuss "Gases and Pure Liquids," "Non-Polar Mixtures," "Highly Polar Mixtures," "Polar Mixtures," and "Ionic Solutions." Professor George Scatchard, of the Massachusetts Institute of Technology, chairman of the division, will preside.

Margarin Misrepresentation Denied by Best Foods

OPD Washington Bureau
November 21, 1938

Best Foods, Inc., New York, has asked dismissal of the Federal Trade Commission's complaint charging misleading advertisement of its product, "Nucoa" oleomargarin. The company claims that it discontinued last year advertising that its product is "churned in fresh pasteurized milk" or is made with "milk." It denies knowledge as to whether the word "churned," has long been generally associated with the process of butter making, but says that the manner in which it uses "churned" or "churning" in its advertising is not misleading.

Fred L. Lavanburg Company, dry color manufacturer, Brooklyn, has appointed A. C. Conor as sales representative for the Cleveland territory, adjoining Ohio area and Pittsburgh, Pa.

Natural Products Refining Co.
910 Garfield Avenue,
Jersey City, N. J.
Natural
Natural BICHROMATES

DRY COLORS—DYESTUFFS
IMPORT EXPORT
FEZANDIE & SPERRLE, 205 Fulton Street, NEW YORK
Telephones: Cortlandt 7-1460-1461 Cable Address: "Fezan," N.Y.

NIACET PRODUCTS
Acetic Acid
Glacial - U.S.P. - Reagent
Acetaldol
Acetamide
Paraldehyde
Acetaldehyde
Iron Acetates
Copper Acetate
Methyl Acetate
Crotonaldehyde
Ammonium Acetate
Manganese Acetate
Sucrose Octa Acetate
Other Acetate Salts
"SODACET"*
Special 90% Sodium Acetate
Recommended as a
Drying and Dehydrating Agent
for various solid chemical preparations which have a tendency to absorb moisture after packaging, resulting in lumps.
*Trade Mark
Aluminum Acetate Solutions
20% Normal, 32% Basic
Sodium Acetate
Tech. 60%, Special 90% Grades
NIACET CHEMICALS CORPORATION NIAGARA FALLS, N.Y.

Mutual Bichromates
BICHROMATE OF SODA
BICHROMATE OF POTASH
OXALIC ACID
CHROMIC ACID
MUTUAL
MUTUAL CHEMICAL CO. OF AMERICA
270 MADISON AVE. NEW YORK
PLANTS AT BALTIMORE AND JERSEY CITY MINES IN NEW CALEDONIA

Chlorinated Rubber Uses Outlined

—*Continued from page 5*

the temperature of the test is raised from 40°to 60° a slight breakdown may be noticeable in the presence of concentrated sulphuric acid, but in general the chemical resistance is well maintained.

Paints and Lacquers

It is not proposed in this paper to give detailed formulations for paints and lacquers, but rather to indicate general principles.

An advantage of chlorinated rubber is that it is very soluble in the cheap solvents; a full list of solvents and non-solvents has been prepared by F. Kolke.[14] "Alloprene" is soluble in, or miscible with, benzene, chlorobenzene, toluene, solvent naphtha, decalin, tetralin, trichloroethylene, carbon tetrachloride, tetrachloroethane, diacetone alcohol, furfuraldehyde, ethyl and n-butyl acetate, methylethyl ketone, cyclohexanone, triacetin, tricresyl phosphate, butyl oleate and phthalate, "Cereclor I," linseed oil, "Seekay" wax, coumarone resin, shellac, cellulose nitrate and acetate, and dammar gum. In general, xylene is the best solvent for paint work, with the addition of decalin and solvent naphtha (aromatic) according to the rate of drying required; these solvents should be free from high-boiling impurities which would tend to leave a soft or strong-smelling film.

For chemically resistant formulations the use of a chemically resistant plasticizer is advised; in the absence of corrosive conditions and where maximum resistance to sunlight is required, dibutyl or diamyl phthalate may be used; for decorative finishes where chemical resistance is not of primary importance, boiled linseed oil or heat-treated chinawood oil will give very satisfactory results. If other plasticizers are used, it must be established that they are completely miscible with chlorinated rubber, otherwise a brittle film will result.

Various compatible resins may be incorporated.

Most pigments can be used, and in all cases the pigment must be quite dry before incorporation. Lithopone and white lead for wood primers, red lead for metal primers, and zinc oxide and titanium oxide for finishing coats, are satisfactory; inert pigments, such as silica, are claimed to promote mechanical resistance in the paint film.

For finishes required to resist a high degree of chemical attack a formulation based on 60 "Alloprene"; 40 "Cereclor" is highly satisfactory; for less stringent conditions, part of the "Alloprene" may be replaced by a suitable resin.

Moistureproofing

Since rubber itself is used for moistureproofing a wide variety of materials, it is natural to investigate the use of chlorinated rubber for this purpose, particularly where the additional properties (flame-resistance, chemical resistance, etc.) of the chlorinated derivative would be advantageous. Before considering the properties of materials so treated, an examination was made of the relative rates of passage of water vapor through detached films of chlorinated rubber and of various cellulose derivatives. Discs of the film under examination were placed over the ground end of a closed glass tube carrying a weighed quantity of calcium chloride; the tubes thus sealed were placed in an air thermostat at 25° and a humidity of 79 percent was maintained around them by means of an ammonium chloride control. Periodic determinations of the weight of the calcium chloride containers made over a period of fourteen days established that under these conditions the rate of passage of water vapor through the films became constant at the end of the first day. The results in table XV represent the mean of duplicate determinations continued for seven days under the test conditions.

They indicate the remarkable impermeability of unplasticized and of correctly plasticized chlorinated rubber film to water vapor; in further tests on films containing 25 percent of "Cereclor" it was also found that the permeability per unit thickness decreased very rapidly as the thickness of the film was increased from 0.13 to 0.35 mm.

[14] Farben-Ztg., 1935, 40, 860, 885, 909.

Table XV

Moisture-Permeability of Chlorinated Rubber Film

Film.	Thickness, mm.	Mg./hr./in.²
100% chlorinated rubber	0.034	0.30
75% chlorinated rubber, 25% dibutyl phthalate	0.025	0.70
75% chlorinated rubber, 25% tricresyl phosphate	0.029	0.19
75% chlorinated rubber, 25% butyl oleate	0.034	0.65
75% chlorinated rubber, 25% amyl stearate	0.024	1.06
75% chlorinated rubber, 25% chlorodiphenyl	0.028	0.12
75% chlorinated rubber, 25% "Cereclor I"	0.027	0.16
Viscose film standard	0.024	4.22
Viscose film moistureproofed	0.028	0.36
Rubber hydrochloride	0.024	0.23
Cellulose acetate	0.020	3.29
Benzylcellulose	0.036	1.57
Transparent wrapping paper	0.019	3.76
Parchmentized wrapping paper	0.093	4.06

Additional data from direct contact tests under a head of 5 cm. of water showed that no trace of water was passed during seven days at 22° by the unplasticized film and by films plasticized with "Cereclor," dibutyl phthalate, and tricresyl phosphate, although the other chlorinated rubber films and the films of cellulose derivatives passed definite though in some cases only very small quantities of water. In addition to indicating the high degree of water-impermeability which may be expected from chlorinated rubber paints and lacquers, these results will be of considerable interest to the manufacturer of moistureproofed materials. Use has already been made of this property, for example, for moisture-proofing transparent viscose wrapping materials (British patents 447,371 and 410,534) and for impregnating cloth (British patents 464,280 and 418,976).

There is a danger in the use of incorrectly processed chlorinated rubber in conjunction with cellulose, since the traces of hydrogen chloride liberated by the chlorinated rubber may cause chemical tendering. An investigation was therefore made of the relative rates of tendering of a light cotton cloth treated with chlorinated rubber solution, and with solutions of other impregnants, during exposure to the carbon arc. The cloths were impregnated by dipping in 2 percent benzene solution and draining off excess of solution, and their rates of tendering were estimated by the cuprammonium hydroxide fluidity method of Clibbens and Ridge and their coworkers.[15] The results of table XVI demonstrate that a stable type of chlorinated rubber, such as "Alloprene," even when present to the extent of 5 percent on a very light cotton cloth during exposure to the carbon arc, causes only the slightest increase in the rate of tendering.

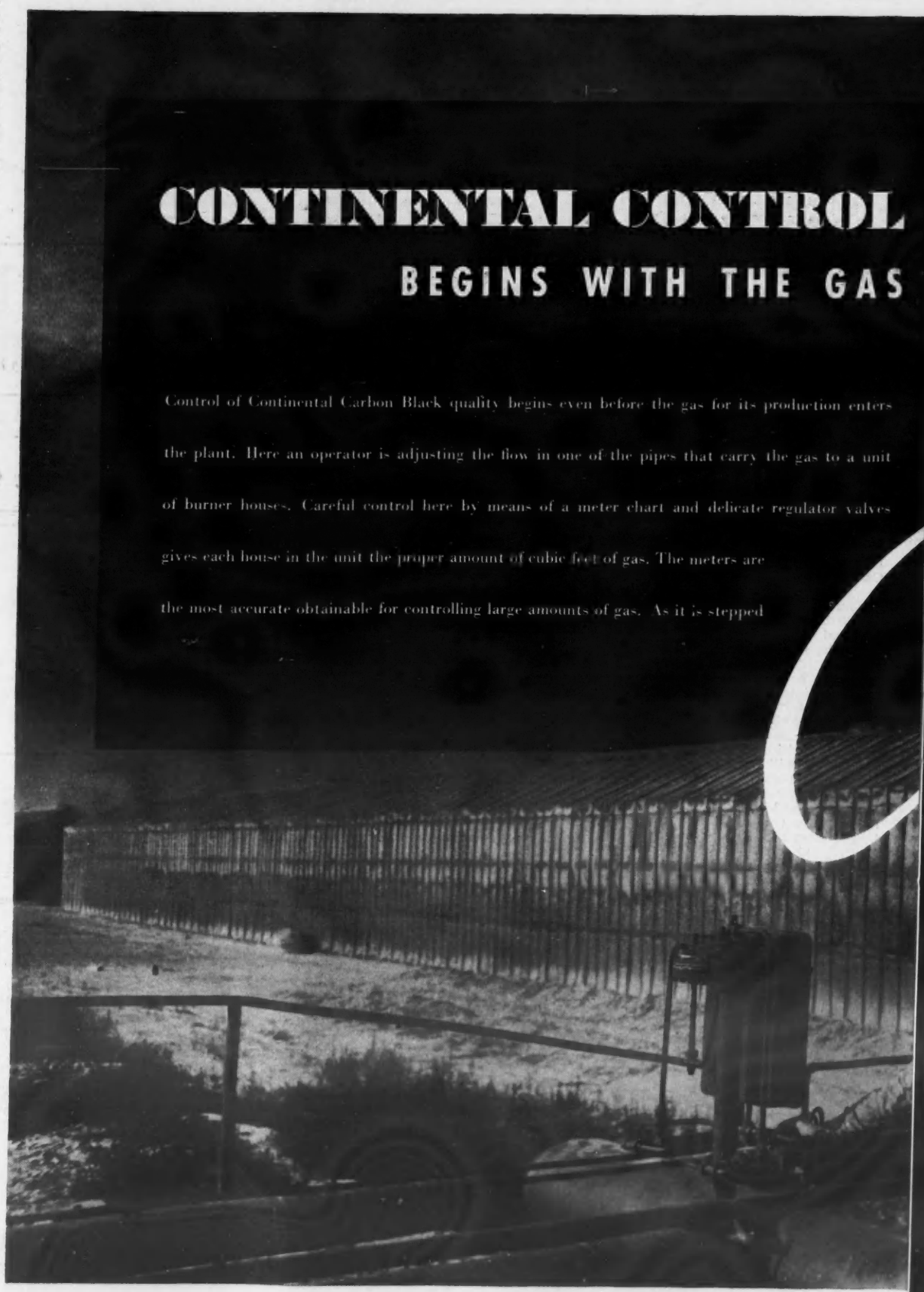
[15] J. Text. Inst., 1928, 19, 77, 389.

Table XVI

	Wt. % on cloth.	Relative strength after (hrs.)		
Impregnant	..	24	48	96
None (benzene only)	..	90	84	73
"Alloprene"	5.6	85	77	68
"Alloprene" + 30% dibutyl phthalate	7.8	90	84	74
"Alloprene" + 60% red lead	21.7	88	81	70
Paraffin wax	9.0	90	84	76
Latex emulsion	6.9	91	85	80

Inclusion of the photochemical stabilizer, dibutyl phthalate, stops completely any tendency of the chlorinated rubber to accelerate the tendering normally occurring in the cloth. On heavy cloths, such as calico, tests of this type were unable to detect any tendering during ninety-six hours' exposure to the carbon arc.

The high gloss, flexibility, and moisture-resistance of chlorinated rubber paints and lacquers make them suitable for finishing decorative papers for mag-


CONTINENTAL CONTROL
BEGINS WITH THE GAS
Control of Continental Carbon Black quality begins even before the gas for its production enters the plant. Here an operator is adjusting the flow in one of the pipes that carry the gas to a unit of burner houses. Careful control here by means of a meter chart and delicate regulator valves gives each house in the unit the proper amount of cubic feet of gas. The meters are the most accurate obtainable for controlling large amounts of gas. As it is stepped

azine covers, book wrappers, and general packages.

In general it is not possible to flameproof paper or cloth with chlorinated rubber without overloading, and it is preferable therefore to incorporate a fireproofing salt in the material, and then to waterproof the fireproofed article, by coating with a plasticized chlorinated rubber lacquer in a noninflammable solvent. In this way it is possible to obtain flexible fabrics having a good degree of flame-resistance and at the same time exhibiting the chemical and moisture resistance of chlorinated rubber.

(To be continued)

Standard Oil Company of Indiana stock holders will consider at a special meeting in Whiting, December 22, a new employees retirement plan. About twenty-five thousand employees would be affected if the plan is approved.

Elmer E. Smathers estate has been granted a judgment of $116,221 against the United States, with interest from October 16, 1934. Mr. Smathers was half owner of the Cushing oil field in Oklahoma. The suit was based on overpayment of profit tax in 1928.

Motor Truck Regulations Opposed by Industrialists

—Continued from page 3

at present is limted to safety considerations, may ultimately be extended to other matters. Mr. Dow referred to the section of the motor carrier act which authorizes the commission to establish for private carriers, if need be found, reasonable requirements of safety of operation and to prescribe qualifications and maximum hours of service of employees, and standards of equipment. This provision might lead to burdensome requirements for private truck operators, Mr. Dow indicated, and he intimated that oil interests would oppose any attempt of the commission to apply the section beyond the requirements of safety.

David B. Stroop, of the American Petroleum Institute, made a number of suggestions for technical changes in the proposed regulations, and declared that the wording in some sections was too vague to be understandable. He suggested that it be made clear as to some of the specifications so that they would not be retroactive, throwing out of service many vehicles now in use.

Maurice Wilcox, testifying for the Leaman Transportation Company, Downington, Pa., corroborated many of the statements made by Mr. Stroop. He said that his company had handled more than a million miles of business in transporting the so-called "dangerous articles" with the loss by fire of only one truck. In answer to questions he said that in safety of construction and operation of vehicles there does not appear to be any reason to differentiate between private and other carriers.

I.C.C. Seeks Uniformity

Among the commission's witnesses were John A. Dickinson, chief mechanical engineer of the Bureau of Standards; H. H. Allen, mechanical engineer of the I.C.C. Motor Carrier Safety Bureau; H. H. Kelly, chief of the Safety Bureau; and George Krueger, Deputy Commissioner of Labor for the State of New Jersey. All the commission's witnesses said they believed the regulations should be applicable to private, as well as contract and common, carriers and urged the need for uniformity in the regulations rather than a number of differing State regulations.

The Port Authority of New York was represented by Billings Wilson, who offered testimony with regard to the particular requirements of transporting dangerous articles through vehicular tunnels. He said that more stringent regulations are required in tunnels than on the open road, but declared that tunnel operators who have transportation hazards to contend with must be permitted to make their own regulations. He suggested that the gasoline tanks of trucks should be safeguarded, either by their location on the chassis or by other means, to prevent minor mishaps from developing into holocausts.

Commissioner Rogers set December 22 as the last day for the filing of supplementary briefs in the case.

Chemical Workers And Payrolls Gain

—Continued from page 3

Payroll Totals

	Oct. 1938.	Sept. 1938.	Oct. 1937.
Chemicals	127.6	121.4	151.8
Cottonseed oil, cake and meal	104.1	95.1	131.1
Druggists' preparations	124.0	120.6	128.6
Explosives	96.5	93.1	107.7
Fertilizers	69.9	77.4	82.2
Paint and varnishes	116.4	114.5	131.2
Petroleum	132.5	134.6	143.4
Rayon and allied products	302.2	308.2	351.6
Soap	94.8	94.6	96.0

Data compiled by the Bureau of Labor Statistics for basic non-manufacturing industries related to the chemical industries afforded the following comparisons on the basis of the 1929 average:—

	Employment.		Payroll totals.	
	1938.	1938.	1938.	1938.
Metalliferous mining	57.6	56.7	49.1	46.3
Quarrying and nonmetallic mining	44.6	44.5	39.4	38.3
Crude petroleum producing	69.1	71.8	63.7	66.3
Dyeing and cleaning	106.8	107.4	78.1	80.4

Employment in New York

Employment in factories producing chemicals and related products in New York State increased 0.2 percent from September 15 to October 15, and increased 1.1 percent in the city, according to the records of the State Department of Labor.

General factory employment increased 0.4 percent from September 15 to October 15, but payroll decreased 0.2 percent during the same period. The department's index of employment for October was 80.7 percent. The payroll index was 75.2 percent. These indexes are based on the average years 1925-27 as 100.

September Compared with October

	Percentages State.	City.
Drugs and industrial chemicals	+2.9	*
Oil products	+1.1	+1.5
Paints and colors	+1.3	+1.4
Photographic and miscellaneous chemicals	—1.5	+7.3

* No change.

Monsanto Carondelet Plant Wins Company Pennant

The Carondelet, Mo., plant of the phosphate division of the Monsanto Chemical Company has been awarded the star pennant for outstanding good housekeeping and cleanliness in the group made up of smaller Monsanto plants. The phosphate division's two-year old plant at Columbia, Tennessee, won the pennant in group A.

down to smaller pipes, the same accuracy of control is maintained so that the flow going to each of the thousands of tips of flame is the same. Thus does precision equipment give you assurance that the Continental Carbon Black you use in your plant will be of the highest quality and uniformity.

CONTINENTAL CARBON COMPANY • 295 MADISON AVENUE, NEW YORK, N. Y.

Continental

W. I. Longsworth

Elected Three-Year Member of N. P. V. L. A. Executive Committee at 1938 Convention

Cole Heads Monsanto Phosphate Operations

St. Louis, Nov. 21, 1938

R. R. Cole has been appointed production manager of the phosphate division of the Monsanto Chemical Company. He will have charge of the phosphate division operations in Anniston, Columbia, Tenn., and Camden, N. J. His headquarters and residence will be in Anniston.

R. R. Cole

Mr. Cole had been assistant to the late vice-president, R. J. Hawn, since 1933, the year in which the Monsanto company acquired the Swann Corporation, with which he had been associated.

Born in Pensacola, Fla., in 1890, he graduated from Technical high school in Georgia, and subsequently took a special course in mechanical engineering at Cornell University. He joined the Anniston Ordnance Company as an engineer in 1916, and later became chief engineer of the Southern Manganese Corporation, an outgrowth of the Ordnance company, and in 1920 he became general superintendent of the Southern Manganese organization, later the Swann Corporation, which position, with other titles, he held until 1932, except of 1928 and 1929, which he spent in France constructing a plant for Societe Phosphates de Tunisiens.

U.S. Studying Charges Of Mexican Oil Dumping

OPD Washington Bureau
November 22, 1938

The Bureau of Customs has revealed that it now has investigators in Mexico studying charges that oil produced from properties taken by the government from American owners is being dumped in the United States. If the charges are borne out and a finding made that imports of such oil are in violation of the anti-dumping act, a dumping or countervailing duty will be imposed.

A bonded warehouse permit has been granted to the Eastern States Petroleum Corporation of Houston, Tex., for the refining and re-exportation of Mexican oil. Oil processed in bond and re-exported will not be subject to the import tax.

Mexico City reports stated that the Mexican government has ordered the seizure of an additional 2,014,000 acres of undeveloped American oil land in northeastern Mexico, which land is regarded as an extension of the rich West Texas field.

Mining Engineers Institute Elects Gillies President

Donald B. Gillies, vice-president of the Republic Steel Corporation, has been elected president of the American Institute of Mining and Metallurgical Engineers by letter ballot of the members.

Mr. Gillies was graduated from the Michigan College of Mining and Technology in 1893, and was awarded an honorary degree of Doctor of Engineering in 1935 by the same institution. He became vice-president of the Republic Steel Corporation in 1935 at the time of the merger with the Corrigan-McKinney Steel Company, with whom he was associated.

Four new directors elected by the institute are as follows:—Charles Camsell, Deputy Minister of Mines for Canada, Ottawa; C. A. Fulton, preside of the Southern Phosphate Company, Baltimore; J. T. MacKenzie, of the American Cast Iron Pipe Company, Birmingham, Ala.; and Francis A. Thomson, of the Montana School of Mines, Butte.

Oil Lease Royalities Are Further Regulated

OPD Washington Bureau
November 22, 1938

New regulations governing the assignment of royalty interests in oil and gas prospecting permits and leases were approved by Harold L. Ickes, Secretary of the Interior. The regulations stipulate that assignments of royalty interests in prospecting permits shall not be approved by the Department of Interior prior to a valuable discovery of oil or gas, and prohibits even the filing of the assignments with the department until such a discovery is made.

Similar protective restrictions are placed around the assignment of royalty interests in leases, as distinct from permits, although under the lease procedure, royalty interest assignments when made must be filed in the proper district Land Office to be considered and approved by the department after a discovery is made. Actually, approval by the department of assignments of royalty interests is merely a recognition of the transfer of such interests, and should not be interpreted as an approval of the value of the investment, Secretary Ickes explained.

N.J.Machine Corp. Offers New Hand Labeler

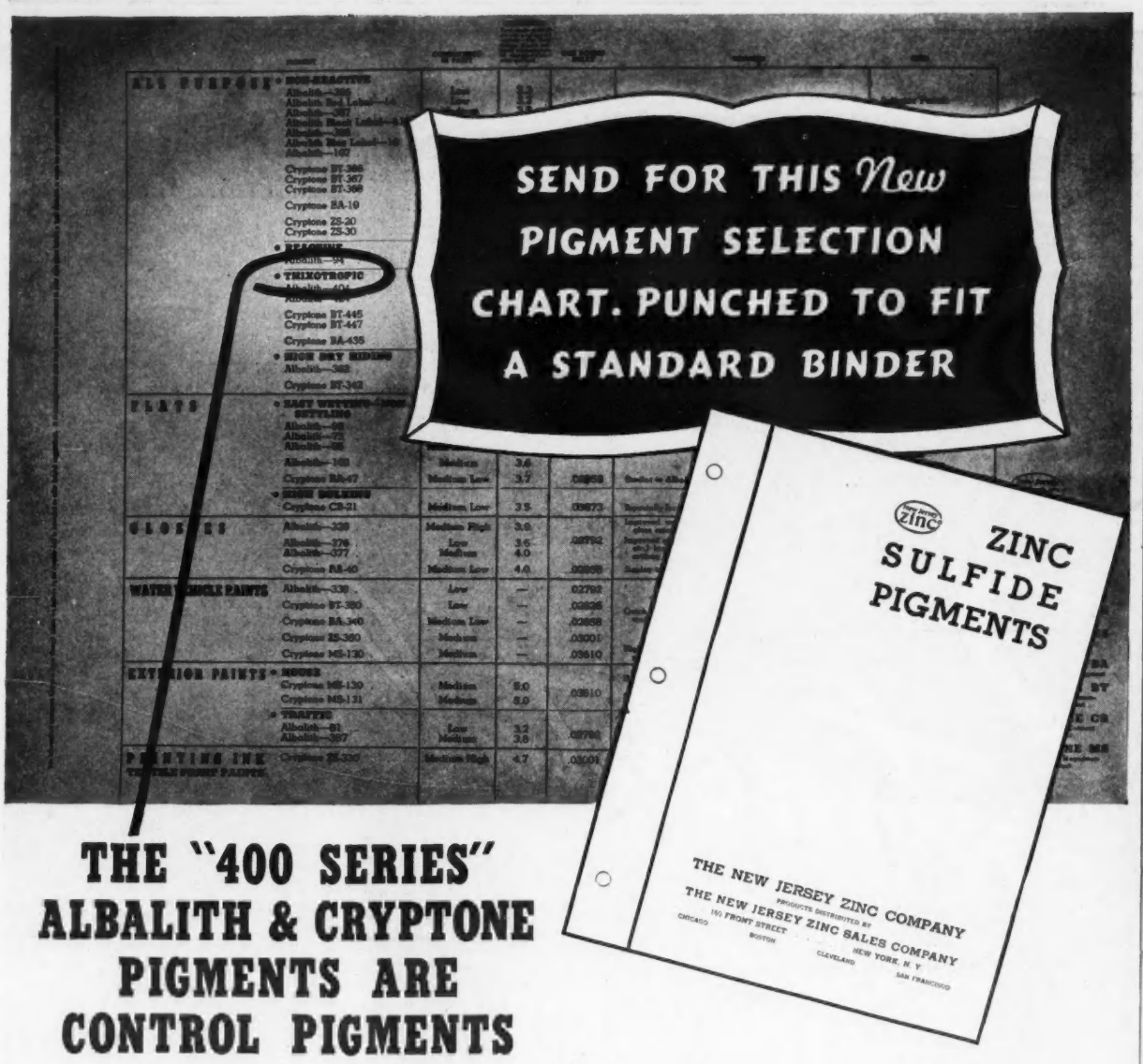
A device for simplifying and speeding up the process of labeling by hand has been added to the line of the New Jersey Machine Corporation, Hoboken, N. J. Known as the "E-Z" labeler, this device is claimed to be particularly suitable for plants with a production capacity too low to make the installation of a mechanical labeler practical and economical.

The "E-Z" labeling device uses pregummed labels. When operating this device, the package or bottle is picked up with the right hand and first pressed against a moisturing pad. Still holding the bottle in the right hand, it is placed in the device proper which is equipped with two sets of gauges, one to locate the bottle, the other to hold the stack of labels. The moistened surface of the bottle coming in contact with the gummed label, causes the pick-up. With the left hand the labeled bottle is removed from the device and pressed against a cloth or piece of felt while the right hand takes care of the next unlabeled bottle.

This device has a particularly simple means by which the hopper guides control register and by which the bottle guides are adjusted and firmly secured.

This device completes the range of labeling equipment available by the New Jersey Machine Corporation ranging from the heavy duty labelers, and the tremendously successful Pony Labelrites, to auto gummers and table gummers. This new "E-Z" labeling device weighs only seven pounds.

The Interstate Oil Compact Commission is scheduled to meet December 14-15 in Fort Worth, Texas. Chairman Ernest O. Thompson stated that action at the meeting will be taken for a renewal of the Compact and to urge the re-enactment of the Connally hot oil act. In answer to a request from Secretary of the Interior for an expression by the members of the Compact on oil production control will also be drafted.



THE "400 SERIES" ALBALITH & CRYPTONE PIGMENTS ARE CONTROL PIGMENTS

A group of zinc sulfide pigments of improved color and brightness.

Offers the paint formulator an excellent means of obtaining better balanced interior finishes.

Used as the major hiding pigment they produce paints of desirable creamy body which are non-settling, easy to brush and of good leveling properties.

Used in conjunction with other pigments they correct settling tendencies, produce more body and improve packaging qualities.

Available in a range of consistencies for flats, undercoaters, semi-glosses, glosses.

Albalith—404-424
Cryptone—BT-445-447
Cryptone—BA-435

THE NEW JERSEY ZINC COMPANY
160 FRONT ST. zinc NEW YORK

Paint, Varnish, Lacquer Materials

Dry White Lead and Some Leaded Zinc Oxides to Advance This Week — Lithopone and Lead-Free Zinc Oxides Unchanged —Exchange Rates Lower Import Cost on Several Natural Resins

Dry white lead prices will advance this week and an increase in the price of 35 percent and 50 percent leaded zinc oxides will also take place. Buyers are given an opportunty to anticipate the advances which will become effective Thursday except in the case of white lead from one manufacturing source which will advance in price Wednesday. Lead corroders will write contracts for the first quarter of 1939 at the higher levels and the makers of leaded zincs will book contracts for the entire year subject to quarterly price adjustment. Lead-free zinc oxide and five percent leaded material continue at unchanged levels and are quoted firm for the first quarter of the coming year at current prices. Lithopone and zinc sulphide are also without change and quoted firm for the first quarter. The titanium pigment suppliers have been booking new contracts since November 15.

Manufacturers of ultramarine blues have advised that there will be no change in prices, terms or conditions for the first quarter of the new year and the suppliers of cadmium red and yellow lithopones are also quoting unchanged prices firm for the first ninety days of 1939. Domestic barytes producers have not yet offered contracts but Italian pumice is being sold for the first six months of the year at unchanged levels. Amorphous and crystalline graphite are offered unchanged for 1939, and, the Western shippers of gilsonite are taking business for the full year at no change in quotations.

Although there were no changes in prices for natural gums at the primary markets, the reduced rates of currency exchange were responsible for reduced import costs on a number of gradings in the copal and dammer groups.

Total building and engineering volume recorded from January 1 to November 15 this year was $2,635,000,000 against $2,599,000,000 in the corresponding period of 1937 and according to a Dodge forecast, construction contracts to be let in 37 Eastern states during 1939 may reach a total of $3,500,000,000, which would fall about $300,000,000 short of the 1938 total and compare with $2,900,000,000 in 1937.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None

Reduced

Gum, copal, E.I., Hiroe, bold, ¾c. per lb.
Singapore, Rasak, bold, ⅜c. per lb.
Manila, Loba A, ¾c. per lb.
CBB, ⅝c. per lb.
DBB, WS, ½c. per lb.
Pontianak, split chips, nubs, ⅜c. per lb.
dammar, Batavia, A, B, C, ⅞c. per lb.
D, ⅝c. per lb.
dust, ⅜c. per lb.
Singapore, No. 1, ⅜c. per lb.
Methylethyl ketone, ½c. per lb. (changed in preceding week and reported in November 1 issue under "Drugs and Fine Chemicals")
Rosin, gum, 5c. to $1 per 280 lbs.
Turpentine, gum, 1½c. per gal.

Comparative Values

Index numbers compiled from eleven typical paint and varnish materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
131.1	131.1	131.1	133.4

Market news that may have developed after this report was sent to press will be found on page 4.

Lead.—Prevailing spot prices at New York, East St. Louis and London for the period from November 19 to November 25, inclusive, were as follows:—

	Pigs — Per pound — New York.	Pigs — Per pound — E. St. Louis.	Spot. London. Per ton £	s.	d.
Saturday	$0.0510@.0515	$0.0495	..	..	..
Monday	.0510@.0515	.0495	16	1	3
Tuesday	.0510@.0515	.0495	15	7	6
Wednesday	.0510@.0515	.0495	16	6	3
Thursday	*.....@.....	*.....	..	..	..
Friday	.0510@.0515	.0495	16	6	3

* Holiday.

Zinc.—Prevailing spot prices at New York, East St. Louis and London for the period from November 19 to November 25, inclusive, were as follows:—

	Slabs — Per pound — New York.	Slabs — Per pound — E. St. Louis.	Spot. London. Per ton £	s.	d.
Saturday	$0.0545	$0.0505	..	..	..
Monday	.0515	.0475	14	1	3
Tuesday	.0515	.0475	13	16	3
Wednesday	.0515	.0475	14	2	6
Thursday	*.....	*.....	..	..	..
Friday	.0515	.0475	14	2	6

* Holiday.

Metallic Lead and Zinc

Pig lead prices held steady under a moderate sort of interest from the consuming trade. The prices were 4.95c. per pound at East St. Louis and 5.10c. to 5.15c. per pound in New York. October statistics showed a drop of 13,877 tons in stocks. October production of lead, according to the American Bureau of Metal Statistics, was 31,843 tons, a gain of 4,335 tons over the preceding month and compared with 49,197 tons in October last year. Shipments totaled 45,726 tons against 39,026 tons in September and 39,292 tons in October, 1937. End of month stocks were 117,476 tons against 131,476 tons in September and 100,646 tons at the end of October last year.

Zinc prices broke sharply on Monday. The metal went down $7 per ton to the basis of 4.75c. per pound at East St. Louis. The sharp reduction in price was a result of the American, British, and Canadian trade treaties which were signed in Washington November 17. The new treaties which become effective on January 1, will reduce the import duty on zinc and when some of the zinc buyers started to shop abroad for supplies for future delivery, the domestic producers cut the price to forestall foreign competition as much as they could.

Pigments

An increase in the price of dry white lead and blue lead, and higher prices for high lead strength leaded zinc oxides featured the pigment materials market as the makers of these products commenced contracting for 1939. The white lead boost will become effective this week with one seller naming November 30 as the effective date and another seller naming December 1. The rise in leaded zincs will take place December 1. Lead-free zinc oxides and the 5 percent leaded grade remain unchanged as do zinc sulphide and lithopone, and contracts for these materials are being written for the entire year 1939 subject to quarterly adjustment. White lead contracts are being taken for the first quarter of the year. The makers of titanium pigments have been booking contracts since November 15.

White Lead.—Prices for dry white lead and blue lead will be ¼c. per pound higher. The effective date of the advance was announced by one large seller as November 30; another seller will effect the advance on December 1. The new schedule is as follows:—Sulphate, 6¼c. per pound in 20-ton lots and 6½c. per pound in smaller quantities; carbonate, 7c. per pound in 20-ton lots and 7¼c. per pound in smaller quantities. Blue lead prices are the same as those for white lead sulphate. These prices are delivered to all points except Arizona, California, Colorado, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington and Wyoming. In the aforementioned states delivered prices are ¼c. per pound additional. The corroders are booking contracts for the initial quarter of 1939 at the advanced prices.

Red Lead.—The car lot price continued in an unchanged position last week. The basic metal market was not affected by the drop in the metallic zinc price last week. Red lead quotations have not been altered since mid-September.

Litharge.—There has been no change in the position of this commodity. The

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

✓ Check all five

✓ **UNIFORMITY OF PRODUCT**
is all important in the maintenance of quality of your products.

✓ **HIGH SOLVENCY**
is essential for the proper dispersion of pigments.

✓ **LOW SULPHUR CONTENT**
minimizes discoloring of paints and varnishes.

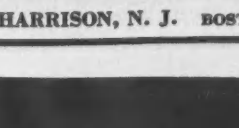
✓ **ADAPTABILITY TO PRESENT FORMULA**
prevents change of your present formula and saves time.

✓ **GREATER ECONOMY**
may be effected by using mineral spirits of high solvency and reduces to a minimum the necessity for other high solvency ingredients.

and then buy all of them in

SUN OIL COMPANY
Philadelphia, Pa.

SUNOCO Spirits



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Made to Fit—

Metallic Soaps for Your
PRECISE LACQUER NEEDS

● It pays to use Metasap Metallic Soaps formulated to meet your own precise lacquer requirements. You will be assured your lacquer has proper flatting qualities.

Why? Because the Metasap laboratories offer authoritative information on the selection and use of metallic soaps to fit your lacquer.

This laboratory information is available without cost. It will help make your product better — increase your sales. Write today for details. There is no obligation.

METASAP CHEMICAL COMPANY

PALMITATES
STEARATES
of ALUMINUM, CALCIUM, LEAD, ZINC

HARRISON, N. J. BOSTON SAN FRANCISCO CHICAGO CEDARTOWN, GA.

metallic lead price held unchanged and the market for this derivative was in a companionate position with dry red lead.

Lithopone.—Manufacturers were now writing 1939 contracts at the price levels that have been in force for some time. The 1939 contracts will be subject to quarterly adjustment.

Titanium Pigments. — Suppliers of these pigments have been booking contracts since November 15. The 1939 agreements are being written at unchanged prices from those now in force.

Zinc Oxides. — High lead-strength leaded zinc oxides will be advanced December 1; lead free oxides and the 5 percent leaded grade continue unchanged. The 35 percent leaded oxide will advance 1-10c. per pound to the basis of 6c. per pound for car lots and 6¼c. per pound l.c.l. both in bags, and ¼c. per pound extra chargeable for barrels; the 50 percent leaded oxide will advance 0.14c. per pound to the basis of 6.06c. per pound in car lots and 6.31c. per pound l.c.l., also in bags, with ¼c. per pound extra for barrels. Lots of 35 percent and 50 percent material may be combined to obtain the 20-ton (car lot) price. These prices are delivered with two exceptions. The exceptions apply on l.c.l. quantities for the Pacific Coast which are ex warehouse, and carload lots of 50 percent leaded oxide for Pacific Coast buyers which are priced at 6.12c. per pound. Carload lots of 35 percent leaded for Pacific Coast destinations are the same as elsewhere, viz., 6c. per pound delivered. Contracts are being written at the prices which will go into effect December 1 and the agreements are being written for the entire year 1939, subject to quarterly adjustment.

Zinc Sulphide.—The producers are offering contracts for 1939 at unchanged prices. As usual, the contract prices are subject to quarterly adjustment.

Fillers and Extenders

Domestic barytes producers and suppliers of tripoli have not yet offered contracts for 1939 and the tripole people have not decided whether or not they will offer contracts for next year. Sellers of pumice and rottenstone are offering contracts at unchanged prices for the first half of next year and one of the graphite producers is soliciting contracts for the coming twelve months at unchanged prices.

Barytes.—Basic prices at the Missouri mills have not been changed. Sellers advised that they are not yet offering contracts for 1939.

Gilsonite.—Carload prices for Western material continued at $32.90 per ton for brilliant black; $25.50 per ton for seconds, and $30.50 per ton for selects. All of these prices are f.o.b. shipping point and the sellers are contracting for 1939 on this basis.

Graphite.—A leading supplier is now offering flake and powdered material on contracts for the entire year 1939.

Pumice.—Prices for Italian material continued unchanged and sellers were now offering contracts for the first half of 1939 at current market figures.

Putty.—The United States Treasury Department has approved a revised specification (TT-P-791a) for pure linseed oil putty for wood-sash glazing. Copies may be purchased for 5 cents each from the Superintendent of Documents, Government Printing Office, Washington.

Tripoli. — Air-floated material was priced at $26 per ton while once-ground was named at $14.50 per ton and double ground at $16 per ton. These quotations were for carload lots, in bags, f.o.b. works.

Dry Colors

Ultramarine blues are now being offered on contracts for the first quarter of 1939 at unchanged prices, terms and conditions. The makers of cadmium red and yellow lithopones are also offering 1939 contracts and the prices current, which have not been changed in some time, were being quoted firm for the first quarter of the coming year.

Cadmium Lithopones.—Manufacturers of red and yellow cadmium lithopones are offering contracts for 1939. The prices are unchanged but are offered firm for the first quarter only.

Carbon Black.—Buyers are said to be stocking up in anticipation of the advances that are scheduled to take place on the first of the year. There has been no further change in the contract set-up for 1939. Car lots of rubber blacks in bags will be ½c. higher after January 1 and blacks for other industries will be raised ¾c. per pound. The l.c.l. prices are to be increased ½c. per pound. Tankcars are to be advanced ½c. per pound January 1 and one seller will subsequently reduce this increase on April 1 to ¼c. per pound.

Iron Blues.—These colors have not yet been offered out on 1939 contracts. Incidentally, bichromate prices are being extended for the first quarter of 1939.

Ultramarine. — Manufacturers have advised that there will be no change in prices, terms, or conditions for the first quarter of 1939.

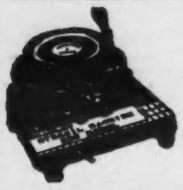
Varnish Gums

Although prices in the primary markets for natural were unchanged, the lower currency exchange rates were responsible for a number of price reductions for replacement. If the exchanges should reverse their recent trend, it is not at all doubtful that last week's price reductions would be short lived.

Copals.—There were a number of reductions in replacement cost which were caused by lower currency exchange rates. There were no basic reductions in the primary market. Loba A in the Manila group was reduced ¾c. per pound to the basis of 10½c. per pound. Other reductions in the Manila gums included CBB off ⅝c. to the basis of 8⅛c. per pound; DBB off ½c. to the basis of 7⅞c. per pound; and WS, off ½c. to the basis of 7⅞c. per pound. Rasak bold was lowered ⅜c. to the basis of 14½c. per pound and Hiroe bold was reduced ¾c. per pound to the basis of 11⅜c. per pound. Pontianak split chips were lowered ⅜c. to the basis of 13½c. per pound and Pontianak nubs were off ⅜c. to the basis of 11⅜c. per pound. All of the aforementioned prices were for carloads—straight or mixed—and were subject to the usual differentials for smaller quantities.

Dammars.—The primary markets were unchanged but by virtue of lower currency exchange rates the import cost on several gradings was lowered. In the Batavia group, A was off ⅞c. to the basis of 20c. per pound; B, off ⅞c. to the basis of 18½c. per pound; C, off ⅞c. to the basis of 14⅞c. per pound; D, off ⅝c. to basis of 13⅛c. per pound; and dust, off ⅜c. to the basis of 5⅜c. per pound. The price for No. 1 Singapore gum was lowered ⅜c. per pound to the basis of 15⅝c. per pound. These prices were also for carload lots, either straight or mixed, and were subject to

THE BRADLEY STENCIL MACHINE



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A. J. Bradley Mfg. Co.
101 Beekman Street New York

LAMP CARBON BONE **BLACKS** LAKE VINE OXIDE
C. J. OSBORN CO., 132 Nassau Street, NEW YORK
Established 1889

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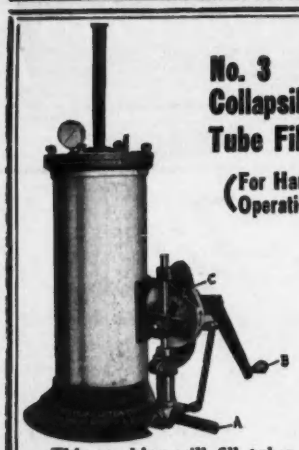
ALUMINUM - ZINC - CALCIUM
Established Qualities Manufactured for twenty years by
M. W. PARSONS, Imports & PLYMOUTH ORGANIC LABORATORIES, Inc.
55 ANN STREET, NEW YORK CITY

No. 3 Collapsible Tube Filler (For Hand Operation)



This machine will fill tubes up to 1 in. x 5¾ in. with any material ordinarily put in collapsible tubes. One turn of the handle puts the correct quantity in each tube. Larger tubes can be filled by adjusting the screw "C" for half the quantity desired and making two turns of the handle.
The nozzle "A" is made to suit tubes of different diameter and length. Special nozzles can be furnished for filling cans, jars or bottles.
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2624 E. Jefferson Av., Detroit, Michigan

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"Color Content Guaranteed"
Chrome Greens
Chrome Yellows
Toluidine Reds
Para Reds Iron Blues
Lake Colors
Ultramarine Blue
KENTUCKY COLOR & CHEMICAL CO.
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General Office and Works
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Offices and Agents In Principal Cities
Distillers of Coal Tar Products

The most popular HIGH-COLOR BLACK
SUPERTONE
SUPERTONE possesses excellent working properties for automotive lacquers and enamels, as well as shelf goods and industrial finishes. It is free from after-hazing tendencies and possesses excellent non-spotting properties.
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Ultramarine Blues
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HOW TO PULL MORE PROFIT OUT OF YOUR PAINT !

NOT rabbits out of your hat, but *profits* out of your paint! That's the sort of magic you can perform when you treat your paints with

FRITZSCHE BROTHERS' PAINT DEODORANT No. 5

By using this new and proven deodorant you can give the consumer what he has been waiting for *and will buy* — namely, paint *without objectionable odor*. The cost is negligible — 1 lb. of "No. 5" effectively masks 350 gallons of the average paint. Write for particulars TODAY.

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FACTORIES AT CLIFFORD, N. J. AND PUTEAUX (NEAR) FRANCE

the usual differentials for smaller quantities.

Synthetic Resins

As reported previously, sellers are not likely to offer contracts for the first part of 1939. The current selling prices are low and evidently the manufacturers do not wish to commit themselves for very far ahead at the current price returns.

Naval Stores

Southern and local markets for naval stores were quieter last week and late in the period weakness developed. Reports were current that no further government loans on rosin would be made for the current calendar year after the close of last week and that no fresh funds would be available until after the turn of the year. Confirmation of these reports was lacking but the rumors led to increased offerings in primary markets. With receipts large and demand slow, rosin prices dropped sharply, the medium grades showing the greatest losses. Turpentine also weakened. There was apparently no material change in sentiment in trade circles here regarding the outlook for business and prices in the long run. Consumption of both turpentine and rosin is said to have increased in some fields recently despite the conservative character of new business, and it was contended that the slowing down of demand for naval stores last week was due in some measure at least to the disturbing political developments abroad recently and therefore likely to prove only temporary.

Receipts in Southern markets were larger than expected for this period of the year, especially as weather conditions in some sections recently have been unfavorable for operations in the woods.

During the month of September the total output of turpentine in the Guadalajara district of Mexico reached about 15,000 or 20,000 gallons, according to consular advices. Stocks of turpentine on hand at the end of September were estimated at approximately 60,000 gallons. Shipments of turpentine for the month totaled 22,549 gallons consigned to the United States. No information was available regarding shipments of turpentine to other countries. Rosin output for the month was estimated at about 230 tons, leaving a stock on hand at the end of the month of about 400 tons.

Turpentine.—The local market for turpentine was a rather small affair last week, purchasing by consumers and dealers generally being limited to unimportant lots with the movement of such quantities for the week lighter than in the previous period. The tone here was easier, prices declining rather sharply on Friday.

SAVANNAH, Nov. 25.—The turpentine market had a steady undertone. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Receipts.	Shipments.	Stocks.
*Saturday...	...	...	...	...	.....
Monday.....	22	92	393	36	51,537
Tuesday....	22	94	675	25	52,187
Wednesday.	21	57	363	77	52,473
*Thursday..	...	...	...	...	.....
Friday	20¼	167	249	208	52,514

* No trading.

JACKSONVILLE, Nov. 25.—The turpentine market was quiet, with offerings light. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Receipts.	Shipments.	Stocks.
*Saturday...	...	...	...	...	.....
Monday.....	22	285	317	...	47,828
Tuesday....	21½	196	289	1	48,116
Wednesday.	21	25	217	...	48,333
*Thursday..	...	...	...	...	.....
Friday	20	113	591	4	48,920

* No trading.

PENSACOLA, Nov. 19.—Turpentine was quiet and steady. Following is a record of the market for the week:—

	Barrels Receipts.	Shipments.	Stocks.
Monday	200	222	31,612
Tuesday	162	...	31,774
Wednesday	115	121	31,768
Thursday	144	...	31,912
Friday	84	91	31,905
Saturday	87	...	31,992

LONDON, Nov. 25.—Quotations on turpentine were as follows:—

	Per cwt. In bbls. s.	d.
Saturday	33	0
Monday	33	0
Tuesday	32	3
Wednesday	32	3
Thursday	32	3
Friday	32	3

Stocks of American turpentine in London were:—

	Nov. 25.	Previous week.	Last year.
Barrels	25,595	24,578	17,089

CHICAGO, Nov. 25.—Turpentine continues quiet. Ruling prices at the close of business last night were:—Five-drum lots, 30c. per gallon; five wood barrels, 35c.; single drums, 33c.; single barrels, 38c.

Rosin.—Local prices declined in company with the course of southern markets. In the absence of stimulating developments in the South, business here was on a small scale much of the time, especially as the news from abroad was of a more or less disturbing character.

SAVANNAH, Nov. 25.—Rosin offerings were light and the market had a steady undertone. Following is a record of the market for the week:—

	Price per unit—Low of range quoted *Sat.	Mon.	Tues.	Wed.	*Thurs.	Fri.
B	...	$4.05	$4.05	$4.05	...	$3.50
D	...	5.05	4.05	4.05	...	3.50
E	...	4.25	4.25	4.25	...	3.65
F	...	4.80	4.80	4.80	...	3.80
G	...	4.85	4.85	4.85	...	4.00
H	...	4.85	4.85	4.85	...	4.00
I	...	4.85	4.85	4.85	...	4.00
K	...	4.85	4.85	4.85	...	4.00
M	...	4.85	4.85	4.85	...	4.00
N	...	5.50	5.50	5.55	...	5.00
WG	...	6.00	6.00	6.00	...	5.50
WW	...	6.65	6.65	6.65	...	6.30
X	...	6.65	6.65	6.65	...	6.30
Barrels						
Sales	...	362	...	...	...	766
Receipts...	...	1,274	2,709	2,330	...	1,736
Shipments.	...	100	127	1,208	...	228
Stocks		298,975	301,557	302,580	...	304,097

* No trading.

JACKSONVILLE, Nov. 25.—Price movements in the rosin market were generally narrow. Following is a record of the market for the week:—

	Price per unit—Low of range quoted *Sat.	Mon.	Tues.	Wed.	*Thurs.	Fri.
B	...	$4.00	$4.00	$4.00	...	$3.90
D	...	4.00	4.00	4.00	...	3.90
E	...	4.20	4.25	4.25	...	3.90
F	...	4.70	4.55	4.35	...	4.15
G	...	4.75	4.60	4.60	...	4.25
H	...	4.75	4.60	4.60	...	4.25
I	...	4.75	4.60	4.60	...	4.25
K	...	4.75	4.65	4.60	...	4.25
M	...	4.75	4.75	4.60	...	4.25
N	...	5.40	5.40	5.40	...	5.10
WG	...	5.95	5.95	5.95	...	5.75
WW	...	6.30	6.30	6.30	...	6.00
X	...	6.30	6.30	6.30	...	6.00
Barrels						
Sales	...	414	102	211	...	1,137
Receipts...	...	1,817	2,182	1,514	...	4,660
Shipments.	...	20	...	2	...	255
Stocks		262,506	264,688	266,600	...	270,205

* No trading.

PENSACOLA, Nov. 19.—Rosin remained quiet. Receipts were liberal. Following is a record of the market for the week:—

	Barrels Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Receipts..	735	633	483	744	550	657
Shipments	...	...	...	...	100	...
Stocks ...	72,455	73,088	73,571	74,315	74,765	75,422

CHICAGO, No. 25.—Rosin business is still slow, with prices unchanged to a little lower. Ruling prices at the close of business last night were:—B grade, $7.05 per lot of 280 pounds; G grade, $7.85; M grade, $7.85; W.W. grade, $9.65.

LONDON, Nov. 25.—Quotations on American rosin were as follows:—

	Per cwt. in barrels— Common. s.	d.	W.W. s.	d.
Saturday	15	3	18	9
Monday	15	3	18	9
Tuesday	15	3	18	9
Wednesday	15	3	18	9
Thursday	15	3	18	9
Friday	15	3	18	9

Pine Oil.—There was apparently no broadening of purchasing operations, many consumers still being disposed to adhere to a conservative course for the time being. The market was steady.

Pitch.—A steady tone continued to prevail in the local market for spot material. There was a fair inquiry but as in recent preceding weeks purchasing was generally limited to moderate quantities.

Rosin Oil.—There was nothing stimulating in the way of developments in Southern markets for basic material and consumers of rosin oil were disinclined to purchase in advance of current needs.

Tar.—New developments of importance were lacking, quotations being maintained at recent levels with a fair movement of moderate quantities to local and other consumers.

Shellac

Betterment in deliveries on shellac contracts with manufacturing consumers continued to be reported in this market. In that respect, conditions were improved over those prevalent in the recent past. However, new business reaching the books of the leading suppliers on this market was not too satisfactory and during the past week the widweek holiday contributed little to the development of a more satisfactory market in that respect. However, prices were generally unchanged on spot. Developments in the London and Calcutta markets were mainly in the nature of declines but the reductions were conservative in degree and failed to improve substantially the ability of importers to buy abroad at more advantageous prices.

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

ORGANIC AND INORGANIC
PIGMENT
COLORS
IMPERIAL
PAPER AND COLOR CORPORATION
PIGMENT COLOR DIVISION
GLENS FALLS, NEW YORK

Branch Offices and Warehouse Stocks:
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THE LARGEST MANUFACTURERS OF CHEMICAL PIGMENT COLORS IN AMERICA

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Accurately comply in all respects with I.C.C. and other shipping specifications.

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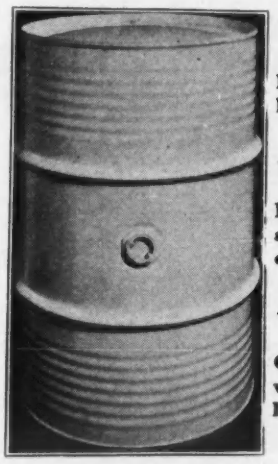

Expanded and rerolled hoops.

Each drum carefully air tested and inspected before shipment.

Chimes designed to withstand rough handling and abuse.

MANION Steel Drums Are Superior From Every Standpoint — Particularly INTERIOR CLEANLINESS

Our years of experience in manufacturing steel drums for the chemical industry have enabled us to establish a reputation among discriminating drum users for dependable, trouble-free containers.

If your product is one that requires absolutely clean and odorless drum interiors you will find MANION drums superior for the following reasons:

Sheets used are special hot rolled, continuous mill sheets with tight protective oxide which positively will not flake or smudge and is not easily susceptible to rusting.

Special care used in manufacturing to guard against contamination from oil, grease, cutting compounds, scale or other objectionable matter.

Each drum carefully inspected inside and outside before shipment.

Your inquiries will receive our prompt attention.

MANION STEEL BARREL CO.
OIL CITY, PA.

Calcutta, Nov. 25.—Shellac quotations on the landed New York basis, ex dock, net cash, were as follows:—

	Per pound. Nov. 25.	Nov. 18.
December	10½c.	10¾c.

Day-to-day quotations were as follows:—

	Per pound.
November 18	10¾c.
November 19	10¾c.
November 21	10¾c.
November 22	10¾c.
November 23	10½c.
*November 24	..
November 25	10½c.

* Holiday here.

London, Nov. 25.—Prices quoted on London standard T.N. shellac, basis of sterling exchange of $4.88, were as follows:—

	November 25 Shillings. Cwt.	Cents. lb.	November 18 Shillings. Cwt.	Cents. lb.
December	37½	8.17	38¼	8.33
March	39¼	8.86	40	8.72

Day-to-day closing prices were as follows:—

	Per hundredweight December.	March.
November 18	38s 3d	40s ..
November 19	38s ..	40s ..
November 21	38s ..	40s ..
November 22	37s 3d	39s ..
November 23	36s 9d	38s 3d
*November 24	... ..	... ..
November 25	37s 6d	39s 3d

* Holiday here.

Lacquer Materials

The demand for lacquer materials and solvents was maintained at moderate levels in the majority of instances last week. Methylethyl ketone prices were fractionally lower. Sellers were directing their attention toward contract renewals for the first quarter of next year at substantially the same levels as now prevailing in the majority of instances. Under the Canadian-United States reciprocal trade agreement the excise tax on butyl alcohol and isopropyl alcohol was removed, effective January 1, while the tariff duty was unchanged at 25 percent. Factory sales of automobiles manufactured in the United States during October totaled 209,552 vehicles, against 83,534 vehicles in the previous month and 329,876 units in the corresponding month a year ago, according to the Department of Commerce.

Acetone.—A broad demand characterized the dealings in this market throughout the week under review. Withdrawals were of a moderate nature from the majority of large consuming channels. Prices were without alteration.

Butyl Alcohol.—Shipments of the normal and secondary material remained fairly steady. A steady to firm price tone remained in evidence. Under the Canadian - American reciprocal trade agreement, the excise tax on butyl alcohol was removed, but the 25 percent duty still remains in effect.

Cellulose Acetate.—The rayon, lacquer glass and plastic industries made their appearance with regularity for fair-sized quantities throughout the week just closed. No change was recorded in the quotations.

Ethyl Acetate.—Contracts were being booked by leading factors at the levels announced a short time ago for the first quarter of 1939. Current business was along moderately active lines for the most part.

Isopropyl Acetate.—Business was progressing at a satisfactory pace in most directions, with quotations 4/10c. lower, as announced the preceding week. While the duty on isopropyl acetate was unaltered under the recent Canadian-American trade pact, the excise duty of 3 percent was removed.

Methylethyl Ketone.—Quotations were lowered ½c. per pound to the following basis:—Tanks, 5c. per pound; drums, car lots, 6c. per pound, and less car lots, 6½c. per pound. The reduction was made to meet competitive conditions in the market.

Driers

The manufacturers of stearates have not yet taken a position on prices beyond the end of this year. Current prices are steady and there has been a spotty to fair sort of business of late. Aggregate sales for November were somewhat behind the October tonnage, according to representative houses.

Current prices on petroleum and its products are given in the alphabetical list of prices beginning on page 7

Selling and shipping your products in STURDY, ATTRACTIVE, EASY-TO-USE CONTAINERS is your BEST INSURANCE of completely SATISFYING YOUR CUSTOMERS and building LASTING GOOD-WILL.

BENETCO STEEL PAILS endow your products with POSITIVE PROTECTION in transit, that eliminate all complaints of loss or damage—and PROVIDE ATTRACTIVE APPEARANCE and PRACTICAL UTILITY that insures EXTRA SALES APPEAL.

Give your products the best package available—Benetco

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GENERAL OFFICE AND FACTORY: 6532 SO. MENARD AVE., CHICAGO, ILL. PHONE: PORTSMOUTH 8100

Southern Office and Factory: Cortez and Bienville Sts., New Orleans, La. Phone: Galvez 2171

Southwestern Office and Factory: Port Arthur, Texas

Four Modern Factories—Sales Offices and Warehouses in Principal Cities

Glues and Binders

Casein.—Conditions did not change over the past week. Most sellers quoted carlots of 20-30 mesh domestic material at 8½c. per pound with 80-100 mesh at 9c. per pound but at least one seller was still willing to trade at 8c. per pound for 20-30 mesh and 8½c. per pound for fine ground material. There was not very much business in the market at either figure.

Glues.—The market continued in a very dull position. There is a very light inquiry. Bone and hide glue prices did not undergo any open change.

'Neoprene' Use for Safety To Workmen Claimed

The problem of protecting workmen against liquids and fumes providing these liquids are only water, can be readily solved by the use of rubber clothing. However, if the liquids happen to be oily, or if they are of chemical solutions, the problem is complicated as both oil and chemicals attack rubber and reduce the life of the clothing.

An example of this condition was found in a plant producing sulphuric acid. The workman, shown in the accompanying illustration, must protect

himself against dangerous acid splashing from fumes, and from accidental leakage of liquid from pipes, valves, etc., and for many years rubber clothing was used to provide this protection, but this rubber clothing had to be replaced every four to six weeks.

In order to determine whether or not this expense could be reduced, the acid plant secured a workman's suit made from cloth coated with a rubber substitue known as "Neoprene," which is produced by E. I. du Pont de Nemours & Co., Wilmington. The "Neoprene" clothing is claimed to have outlived the four to six-week life of similar rubber clothing, and kept right on giving efficient service in active use. It is further claimed that thorough check of the suit after five and a half months' hard usage showed no deterioriation; in fact, the total life has never been definitely determined.

The success of the first garment led to the adoption of safety hoods made from "Neoprene." The hood shown in the illustration is made of "Neoprene" coated fabric.

Chemurgic Council Moves Headquarters to Columbus

Columbus, Nov. 25, 1938

National offices of the National Farm Chemurgic Council have been moved from New York to Columbus, Ohio. The new national headquarters will be located at 50 West Broad Tower. With regional Chemurgic Councils now active in thirty-one States, the return of the offices to the middle west will serve to facilitate the council's work as a clearing house for information for its national committees and affiliated organizations.

For the purpose of coordinating its Eastern activities, the council will continue to maintain an office in New York at 551 Fifth Avenue, the French building.

Louisville Production Club Hears About Resins

Louisville, Ky., Nov. 21, 1938

The Louisville Paint and Varnish Production Club, held its November meeting in the Brown hotel, with forty-six members and guests in attendance. Patrick Ryan of the Reichhold Chemical Company, Detroit, addressed the club on urea-formaldehyde resins. He discussed the methods of pigmentation and the importance of pigment ph values. He said that pine oil added during grinding in mixtures of alkyd and urea-formaldehyde solutions was found to improve the gloss. He added that other advantages of this remain in alkyd mixes at definite percentages tended to improve the color, hardness, alkali resistance and quicker curing.

Charles Blatz of the Blatz Paint Company also spoke. Mr. Blaz is a member of the Fifty Year Club of the National Paint, Varnish & Lacquer Association.

Bone Black Industry Noted Gain in 1937

Manufacturers of bone black, carbon black, and lampblack, reported a moderate increase in employment for 1937 as compared with 1935, according to preliminary figures compiled from returns of the recent Biennial Census of Manufacturers released by the Bureau of the Census. The number of wage earners employed in this industry increased from 1,828 in 1935 to 2,190 in 1937; and wages paid increased from $1,936,570 for 1935 to $2,711,599 for 1937. The value of products made in the industry in 1937 amounted to $18,853,576, against $14,811,298 for 1935.

The cost of materials, etc., totaled $7,235,471 in 1937, against $1,936,570 in 1935. The number of establishments in 1937 was sixty-two against fifty-five in 1935.

Summary for Industry

	1937.	1935.
"Bone black, carbon black, and lampblack" industry, all products, total value	$18,853,576	$14,811,298
Bone black, carbon black, and lampblack	$18,554,724	$14,650,255
Other products (not normally belonging to the industry)	$298,852	$161,043
Bone black, carbon black, and lampblack made as secondary products in other industries, value	$1,023,957	$803,258
Bone black, carbon black, and lampblack, total—		
Pounds	551,487,051	389,573,266
Value (sum of 2 and 4)	$19,578,681	$15,453,513
Bone black:—		
Pounds	35,571,397	32,922,190
Value	$1,717,160	$1,312,972
Carbon black:—*		
Pounds	510,606,343	352,749,000
Value	$17,389,000	$13,755,000
Lampblack:—		
Pounds	5,309,311	3,902,076
Value	$472,521	$385,541

* From reports of the United States Bureau of Mines, Department of the Interior.

N.W.D.A. Committees Named by Davis

John C. Davis, president of the National Wholesale Druggists Association has appointed administrative committees for the association for 1939. Chairmen of the various committees appointed are as follows:—

Active membership—R. L. Hanson, of Charles Leich & Co., Evansville, Ind.

Arrangement and entertainment—Kenneth Laird, of the Weco Products Company, Chicago.

Associate membership—Ray A. Whidden, of Bauer & Black, Chicago.

Credits and collections—E. P. Ellis, of McKesson & Robbins, Inc., Omaha division, Omaha, Neb.

Employment and welfare problems—Charles D. Doerr, of McKesson & Robbins, Inc., San Francisco, Cal.

Insurance—J. A. Robinson, of McKesson & Robbins, Inc., Bridgeport, Conn.

Legislation—H. C. Halberstadt, of Shoemaker & Busch, Inc., Philadelphia, Pa.

Local associations—C. A. Loring, of Gilman Bros., Inc., Boston, Mass.

Manufacturers' committee—Charles Luckman, of the Pepsodent Company, Chicago.

Marketing statistics—V.V. Barnes, of McKesson & Robbins, Inc., Hall-Van Gorder division, Cleveland, O.

Memorials of deceased members—Harry J. Schnell, of the OIL, PAINT AND DRUG REPORTER, New York.

Proprietary goods—C. C. Caruso, of Schieffelin & Co., New York.

Rates and routes—Robert B. Magnus, of Magnus, Mabee & Reynard, Inc., New York.

Research and relations—C. O. Mueller, of the Mooney-Mueller-Ward Company, Indianapolis, Inc.

Salesmen and selling methods—J. L. Freeman, of the Southwestern Drug Corporation, Dallas, Texas.

Special lines—George H. Gardner, of the Druggists Supply Corporation, New York.

Oils, Fats, and Waxes

Refined Fish Oils Again Advanced—Narrow Changes in Cottonseed Oil Futures—Crude Coconut Oil Reduced Slightly—Linseed Oil Firmer—Tallow Offerings Light—Trade Quiet

With a holiday on Thursday and with political developments abroad of a sufficiently disturbing character to have a depressing effect in financial quarters here, business in miscellaneous oils, fats and greases was generally quiet last week, purchases in many cases being limited to small lots for prompt shipment. There were fewer changes in quotations, the prevailing tone being steady.

Chinawood oil was quiet and the tone of the market was easier though quotations were mainly nominal as offerings continued light on spot and for shipment. Crude coconut oil was reduced slightly. Crude corn oil met with a somewhat better inquiry and the market was firmer. Niger palm oil was in fair request in a jobbing way and sales were reported at an advance.

Refined fish oils were firmer, quotations again being advanced moderately. Crude fish oils were generally firm in primary markets, though quotations were still largely nominal. Changes in cash lard quotations in the local market were within narrow limits in the absence of wide fluctuations in futures in the West, where trading was quieter as a result of labor troubles at the stock yards. Tallow and greases were firm at the recent advance.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Corn oil, crude, ¼c. per lb.
Linseed cake, 50c. per ton.
Linseed meal, 50c. per ton.
Linseed oil, 1-10c. per lb.
Menhaden oil, refined, 2-10c. per lb.
Palm oil, Niger, spot, ½c. per lb.
Sardine oil, refined, 2-10c. per lb.

Reduced

Chinawood oil, ½c. per lb.
Coconut oil, crude, ½c. per lb.
Japan wax, ¼c. per lb.
Lard, 15c. to 25c. per 100 lbs.

Comparative Values

Index numbers compiled from twenty-three typical oils, fats and greases on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
101.5	**101.4**	**101.5**	**123.6**

Market news that may have developed after this report was sent to press will be found on page 4.

Vegetable Oils

Chinawood. — Quiet conditions continued to prevail in domestic markets last week. No material change was reported in the situation abroad, offerings for shipment still being light, with prices more or less nominal. With consumers holding aloof from domestic markets, the tone appeared to be somewhat easier. Reports were current of offerings from resellers at concessions of about ½c. as compared with the previous week. According to a cable received at the Bureau of Foreign and Domestic Commerce at Washington, between 2,000 and 2,500 short tons of chinawood oil were cleared from Hankow by rail in October for shipment to South China ports over the Hankow-Canton Railway, but none is believed to have arrived at Hongkong. Stocks at Hankow at the end of October were estimated at around 13,000 short tons, most of this oil being in American and British custody.

Coconut.—The market here for crude oil had an easier tone, quotations being shaded ⅛c. per pound. There were reports of occasional inquiries but few transactions were noted, consumers being disposed in many cases to hold off for further developments. Refined oil was steady, quotations being maintained at former levels. A fair inquiry for comparatively small or moderate quantities was noted.

Corn.—Crude oil was firmer, quotations being advanced ⅛c. There was a fair inquiry. Offerings were reported as light. Refined oil met with a fair demand and the market was steady.

Cottonseed. — Edible oil was steady, prices being held at previous levels by refiners. There was a fair demand. Offerings of foreign oil continued light and the market was mainly nominal.

Olive. — Demand for foots was reported as somewhat more active with the purchasing generally limited to comparatively small or moderate lots for prompt shipment. Denatured oil was also in fair request for prompt shipment. The tone remained steady.

Palm.—Niger oil met with a somewhat better inquiry for moderate lots and the market was firmer, sales being reported on spot at an advance of ⅛c. Somewhat higher prices were also quoted for shipment with offerings described as light.

Perilla.—The market had a somewhat easier tone although quotations underwent little change in the absence of any pressure of offerings. Trade was quieter.

Soybean.—Quotations on crude and refined oil were generally stationary and the tone of the market appeared to be steady. There was a fair movement into consuming channels though new business was reported as quiet.

Teaseed.—A firm tone prevailed but prices were without quotable change. There was a fair inquiry from local and other buyers.

Markets at Other Centers

Chicago, Nov. 25.—A comparatively good tone has been reported in the general vegetable oil market here recently. Prices are steady to a shade higher.

COCONUT.—Coast basis, November-forward, 2⅞c. to 3c. per pound. Refined edible oil, 8½c. to 8¾c., barrels, car lots, and 8¾c. to 9c., barrels, less than car lots.

CORN.—Crude, low acid, 6¼c. to 6½c. per pound, partly nominal. Refined edible oil, 9½c. to 9¾c., barrels, car lots, and 9¾c. to 10c., barrels, less than car lots.

CHINAWOOD.—Ruling nominal, 15⅜c. to 15½c. per pound, spot, and 14¼c. to 14⅜c., deferred.

PEANUT.—Crude, 6⅝c. to 6¾c. per pound, partly nominal. Refined edible oil, 9½c. to 9¾c. per pound, barrels, car lots, and 9¾c. to 10c., barrels, less than car lots.

SOYBEAN.—Crude, mills, 5c. to 5¼c. per pound.

The market for soybeans on the Chicago Board of Trade was irregular in company with other commodities. A somewhat better inquiry was reported for cash beans. Trading in futures was quiet. The movement of the crop in some sections was smaller than expected. Following is a price record, per bushel, for the week:—

	High.	Low.	Closing Nov. 25.	Closing Nov. 18.
Cash, No. 2..	$0.76¾	$0.71½	$0.76⅝	$0.74
December ...	.74¼	.72¼	.74¼	.73½
May	.76¾	.75¼	.76¼	.76½

San Francisco, Nov. 22.—There is a good tone ruling the vegetable oil market and trade, especially in coconut and chinawood oils, is showing more activity, although most of the other materials are registering only in a nominal way.

COCONUT.—Crude oil is steady, with quotations ruling at 2⅞c. per pound in tankcars, f.o.b. Pacific Coast ports and/or mills for delivering into the Spring of next year. Deferred shipments ruling at 2-15/16c. The market has been active.

CHINAWOOD.—Steady, with the market quoted on the basis of 13⅞c. to 14.1c. per pound in tankcars, f.o.b. Pacific Coast ports. Inquiry remains good, with purchases picking up.

PERILLA.—Crude oil quoted 9c. to 9⅛c. per pound in tankcars, for prompt or deferred shipment, f.o.b. San Francisco.

RAPESEED.—Refined and denatured oil quoted 5¾c. per pound in tankcars, f.o.b. Pacific Coast ports for shipment out of the Orient.

TEASEED.—Nominal. Foreign shippers reported that stocks have diminished to the extent that offerings for the present are unavailable.

COPRA.—Parcels on the Pacific Coast were taken at between 1.80c. and 1.825c. per pound, c.i.f. Europe is reported as engaging moderately.

Linseed Oil

Flaxseed prices were irregular within moderate limits. Linseed oil, cake and meal firmer.

Flaxseed—DULUTH, Nov. 25.—Cash flax, following its stagnation of last week, continued to be slow this week, with buyers overloaded, and the lake shipping season about at an end. Arrivals of the seed at this point have noticeably slackened in the last few days, and the future market has brisked up as the cash market has sagged, news from the Argentine having a bolstering effect, together with encouraging prospects in building, and in foreign demand.

The week's closing price range was as follows:—

	Cash.	Dec.
Saturday	$1.82¾	$1.77
Monday	1.83	1.77
Tuesday	1.83	1.77
Wednesday	1.84	1.77
*Thursday	....	....
Friday	1.81¾	1.76

* Holiday.

Crop movement in bushels follows:—

	Receipts 1938.	Receipts 1937.	Shipments 1938.	Shipments 1937.
This week.	60,769	87	....	192,576
Since Aug. 1....	1,313,212	1,023,792	742,565	800,928

MINNEAPOLIS, Nov. 25.—Slackening of competition for flaxseed offers here resulted in a sharp dip in premiums. The aggressive diversion point buyer dropped out of the picture more or less and despite the wants of the crushing trade comparative prices faded. Most of the crushers regarded premiums as too high and refused to take hold freely until they receded. On the break of late last week local demand picked up and currently there is no lack of outlet for good flaxseed, or even the poor stuff.

Total public elevator stocks decreased 235,000 bushels for the week ending last Friday and during 2 days of the current statistical week the disappearance shows a total of 40,000 bushels as compared with 25,000 a year ago.

Interior movement is limited and there is no real pressure on the market. Close of navigation is only 10 days away and demand from the head of the lakes is small. There was no seed house buying of flax during the week.

The week's closing price range was as follows:—

	Cash.	Dec.	May.
Saturday	$1.85¾	$1.75¾	$1.77¼
Monday	1.86	1.76	1.78½
Tuesday	1.86	1.76½	1.77½
Wednesday	1.87	1.76	1.77½
*Thursday	....	....	....
Friday	1.85¾	1.74¾	1.78

* Holiday.

Crop movement in bushels as follows:—

	Receipts 1938.	Receipts 1937.	Shipments 1938.	Shipments 1937.
This week..	67,420	55,760	68,440	10,700
Since Sept. 1...	2,582,470	2,761,830	309,180	335,892

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

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WINNIPEG, Nov. 25.—The market for flaxseed futures was quiet. Price movements were generally moderate. The week's closing price range was as follows:—

	Cash.	Dec.	May.
Saturday	$1.37	$1.37	$1.36
Monday	1.37	1.37	1.36
Tuesday	1.37	1.37	1.36
Wednesday	1.38	1.37½	1.36¾
Thursday	...	...	...
Friday	1.38⅛	1.37⅞	1.36½

BUENOS AIRES, Nov. 25.—Opening prices per bushel on February contracts were:—

	Last week.	Last year.
Saturday	$1.06⅛	*$1.33¾
Monday	1.06⅛	*1.33¾
Tuesday	1.07	*1.34⅞
Wednesday	1.07¼	1.22⅝
Thursday	...	...
Friday	1.07	1.19⅞

* November.

Exports

To—	Last week.	Previous week.	Last year.
	(Bushels)		
United States	252,000	83,000	419,000
United Kingdom	4,000	4,000	.....
Continent	205,000	280,000	345,000
Orders	75,000	173,000	242,000
Others	4,000	43,000	.....
Totals	540,000	583,000	1,006,000

Since January 1

To—	This year.	Last year.
	(Bushels)	
United States	12,103,000	24,244,000
United Kingdom	1,242,000	512,000
Continent	22,229,000	21,104,000
Orders	9,157,000	17,008,000
Others	1,827,000	5,215,000
Totals	46,558,000	68,083,000

Visible Supply

	Bushels.
Last week	1,575,000
Previous week	1,772,000
Last year	2,204,000

INDIA.—Exports of flaxseed from India last week were as follows:—

To—	Last week.	Previous week.	Last year.
	(Bushels)		
United Kingdom	4,000	.....	36,000
Continent	.....	48,000	.....
Others	.....	20,000	.....
Totals	4,000	68,000	36,000

Since April 1—	This year.	Last year.
	(Bushels)	
United Kingdom	7,976,000	6,311,000
Continent	716,000	268,000
Others	376,000	888,000
Totals	9,068,000	7,467,000

HULL, Nov. 25.—Quotations on flaxseed were:—

	La Plata.	Bombay.
	(Per ton)	
Saturday	£10⅝	£12¼
Monday	10⅝	12⅜
Tuesday	10⅝	12⅜
Wednesday	11	12⅜
Thursday	11	12⅜
Friday	11	12⅜

• OILS •
CHINA WOOD OIL
PERILLA OIL
SARDINE OIL
SPOT FUTURE
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Linseed Oil.—A firm tone continued to prevail in the local market for linseed oil last week. One crusher raised the price one point, making the range 7.8c. to 8c. per pound, in tankcars, according to seller. Reports concerning the volume of new business closed for the week were conflicting. There was a steady movement to local and other consumers and dealers on contracts, however, the withdrawals apparently being well up to the previous period. Advices from outside points also reported a liberal movement on new and old orders.

Demand for cash seed was less active in Northwestern markets, and the cash premium over futures showed a tendency to narrow at times, although offerings were generally reported as light. Receipts at terminal points show a decrease and the country movement also fell off. Arrivals of flaxseed at New York last week were 430,717 bushels.

MINNEAPOLIS, Nov. 25.—Trade in linseed oil during the past week was the heaviest in a long time due to the action of the Argentine government in putting a fixed price on flaxseed. Many buyers who were hesitant and overly conservative for a long period because of unsettled political conditions at home came into the market freely and made liberal contracts for shipment up to the end of this coming June. Most of the business was written in the way of round lot contracts and crushers books show a sharp increase in the total of open business. There was considerable gain in the volume of orders for tankcar lots to be delivered after the turn of the year and some increase in cooperage carlot trade.

Shipping instructions on maturing contracts are only fair because of the season. Buyers are keeping their stocks low for year-end inventories and are not stocking up with reserves on hand. Mills are running about 45 percent of capacity and currently have plenty of oil on hand to take care of any sudden increase in instructions.

Quotations on carload lots f.o.b. Minneapolis, December-June shipment, tankcars 8.2c. per pound, cooperage cars 8.8c. per pound, warehouse lots 9.2c. per pound.

Shipments of oil in pounds were as follows:—

	1938.	1937.
This week	865,165	519,024
Since Sept. 1	19,510,172	16,345,838

SAN FRANCISCO, Nov. 22.—Certain sections of the paint trade have found it advantageous to take on linseed oil contracts for nearby shipment and the aggregate of such trade has kept a fairly good amount of business flowing along at prices about two points below the posted tankcar quotation. Deliveries against old contracts here are quite well up to date. Quoted:—Tankcars, 8.2c. per pound; drum lots ex mill, 8.8c.; drum lots ex warehouse, 9.2c.

CHICAGO, Nov. 25.—Tone of the linseed oil market seems fairly steady. Most orders are for small to moderate amounts of material, for early movement. Ruling prices are:—Tankcar, 8.2c. per pound; car lots, 8.8c.; less than car lots, 9.2c.

LONDON, Nov. 25.—Quotations on linseed oil were:—

	s.	d.
	(Per cwt.)	
Saturday	22	4½
Monday	22	6
Tuesday	22	10½
Wednesday	23	0
Thursday	23	0
Friday	23	0

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Cake and Meal.—A firmer tone developed, quotations on both cake and meal being advanced 50c. per ton. A further improvement was noted in the export inquiry for cake. Demand for meal was also somewhat better.

MINNEAPOLIS, Nov. 25.—Demand for meal is holding up well on account of the down trend in temperatures and decreasing pasturage and mills are not in a defensive position as yet. Re-sellers disposed of most of their holdings and are not competing and the upward trend of soybean meal is a helpful factor.

Shipping instructions on maturing contracts are quite prompt and there will be little chance of increasing reserves during the balance of the year.

Quotations on carload lots f.o.b. Minneapolis, 100 pound sacks, $39 to $39.50 per ton.

Shipments of meal in pounds were as follows:—

	1938.	1937.
This week	1,544,395	3,802,305
Since Sept. 1	28,490,340	61,661,221

CHICAGO, Nov. 25.—Orders for linseed meal have been spotty and the general aspect of the market somewhat uncertain. Ruling prices are:—Round lots, $38 to $38.50 per ton; car lots, $38.50 to $39; less than car lots, $40.50 to $41.

Cottonseed Oil

Trading in refined cottenseed oil futures in the local market was quiet. Price movements narrow. Southern markets steady or firm.

Cottonseed Oil.—Switching from near to distant positions was a feature last week of a market that in other respects generally lacked developments of interest. Fresh commitments were on a small scale, local and other traders being disposed in many cases to hold off for further developments in the markets for other commodities as well as in the general political, business and financial situation. News from abroad was mainly of a disturbing character and this fact was reflected in the market for securities. It also had a tendency to make cottonseed oil traders disposed to curtail operations. Lard futures had a downward trend in Chicago at times, labor troubles in the stock yards apparently being regarded as a bearish factor.

Fluctuations in cottonseed oil prices here were unusually narrow. Southern markets for crude oil were generally steady or firm. Marketing of seed continued light and crushers were still apparently disinclined to offer crude oil very freely at prevailing prices which were declared by some to be below the cost of production. In such circumstances Southern markets for crude oil were generally quiet throughout the week. There were reports of a fair trade in cash refined oil. Domestic and export business in lard was quieter. Crude coconut oil was reduced, the easier position of that commodity being attributed to lack of demand.

A report from the Census Bureau on the ginning of cotton showed that 10,751,758 bales of this season's growth had been ginned up to November 14. These figures were below expectations and in cotton trade circles they had a strengthening effect on sentiment for a time. Up to the same date last year the quantity of cotton ginned was 14,947,111 bales. There will be a referendum in the South on December 10 on the government's acreage reduction program for next season. Opposition to the plan is said to be growing in various parts of the cotton belt. Marketing of hogs in parts of the West was smaller than recently though the movement was still large. The weight of the hogs received in Chicago during the week ended Nov. 19 averaged 235 pounds against 230 pounds in the previous week.

Trading in bleachable prime Summer yellow cottonseed oil futures on the New York Produce Exchange from November 19 to November 25, inclusive, comprised 689 contracts, a total of 38,340,000 pounds. Following is a price record for the week:—

	High.	Low.	Close.
	(Cents per pound in tanks)		
January	7.64	7.48	7.47@7.49
March	7.73	7.62	7.65@7.66
May	7.82	7.73	7.75@7.76
June	7.90	7.90	7.75 Nom
July	7.91	7.79	7.82 sale
December	7.50	7.34	7.33@7.34

Crude, Southeast, .0650 Nom.

Hull, Nov. 25.—Quotations on cottonseed oil were:—

	Refined. s.	d.	Egyptian crude. s.	d.
Saturday	20	6	17	6
Monday	20	6	17	6
Tuesday	20	6	17	6
Wednesday	20	6	17	6
Thursday	20	6	17	6
Friday	20	6	17	6

Chicago, Nov. 25.—The volume of business in cottonseed oil is moderate, with limited-size orders prevailing. Good off-Summer yellow fig oil is 8c. per pound. Refined edible oil is 9¼c. to 9½c., barrels, car lots, and 9¾c. to 10c., barrels, less than car lots.

Markets at Other Centers

Atlanta, Nov. 22.—Prices of cottonseed meal are held rather firmly in the Southeast as comparatively small supplies of seed are released to the oil mill industry. Producers are quoting 8 percent meal, $23 to $23.50 per ton, interior Southeast.

Prime crude oil is quoted 6.50c. to 6.75c. per pound, with very little trading.

Memphis, Nov. 25.—Crude cottonseed oil was very quiet during the week. The last sales reported were at 6⅜c., Valley basis. Demand for meal shows improvement and market steady at $22.50 per ton for 41 percent, Memphis basis. Bulk slab cake, $20 per ton, Valley basis. Cottonseed hulls, $4.50 per ton at mill points. Seed, $25 to $27 per ton. Weather turned cold and feeding demand has improved.

Closing cottonseed meal quotations on the Memphis exchange were as follows:—

	November 17.	November 23.
December	$21.90@22.25	$22.00@22.25
January	22.15@22.35	22.10@22.50
March	22.75@—	22.80@—
May	22.95@23.20	22.85@23.15

Cake and Meal.—Southern markets were reported as quieter last week but there was no increase in offerings so far as spot material was concerned and prices were generally steady or firm.

Fatty Acids

Capric Acid.—A steady tone continued to prevail. There was apparently little change in the character of the inquiry, consumers being interested merely in small or moderate quantities to fill current needs.

Caproic Acid.—Quotations were maintained by producers at the levels prevailing in the previous week. The market had a steady tone with the movement to local and other buyers apparently limited to moderate lots.

Coconut Oil.—Basic material was a shade easier but the market for coconut oil fatty acid retained a steady tone. There were reports of a somewhat better inquiry though consumers were not inclined to anticipate.

Cottonseed Oil.—The situation continued to be featured by a steady tone in the absence of any material change in the position of basic material. Business lacked snap, but in a jobbing way a fair demand was noted.

Stearic Acid.—Demand for moderate quantities showed some improvement but aside from this the situation lacked new features. Quotations were generally stationary. Basic material was steady at the recent advance.

Tall Oil.—The situation lacked new features of importance, quotations being stationary with the tone steady. There was a fair movement to local and other consumers on contracts and transient orders.

Markets at Other Centers

Chicago, Nov. 25.—The current fatty acids market is quite steady to firm, and in some respects it is considered by observers to be strong. A fairly good amount of business is reported.

FATTY ACID.—Corn oil, double distilled, 7¾c. to 8c. per pound, tankcar; 8¼c. to 8½c., barrels, car lots; 8¾c. to 9c., barrels, less than car lots; coconut oil, acidulated, 8¼c. to 8½c. per pound, tankcar; 8¾c. to 9c., barrels, car lots; 9¼c. to 9½c., barrels, less than car lots; cottonseed oil, double distilled, 7¼c. to 7½c. per pound, tankcar; 7¾c. to 8c., barrels, car lots; 8¼c. to 8½c., barrels, less than car lots; settled cottonseed soapstock, 2⅞c. to 3c.; boiled down soapstock, 65 percent basis, 3⅞c. to 4c.; cottonseed foots, 50 percent basis, 1⅜c. to 1⅝c.

STEARIC ACID.—Distilled, single press, 10c. to 11c. per pound; double press, 10½c. to 11½c.; triple press, 13¼c. to 14¼c.

Fish Oils

Menhaden.—The local market for refined oil continued to be featured by a firm tone although there was apparently no broadening of business, purchasing by local and other consumers still generally being limited to comparatively small or moderate quantities to fill current needs. Quotations were advanced two points.

Sardine.—Quotations on refined oil were advanced two points and the tone of the market was firm at the rise. There was little change in the character of business, local and other consumers still being disinclined to purchase ahead.

Whale.—Local refined oil quotations were maintained at former levels and the tone of the market appeared to be

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

firm. There was a fair movement of moderate quantities.

Markets at Other Centers

Baltimore, Nov. 22.—With operations by the menhaden fleet down the lower Chesapeake Bay suspended for the season, the quiet in the industry as far as the area wherein these vessels have been active has become more pronounced. By way of an offset, however, the craft cruising in the waters off the North and South Carolina coast are more persistently on the move, with the result that some further additions to the stocks of oil available have been made. Also in consequence of this work there has been some oil available for sale apart from the requirements on contracts placed early in the season, and sales of four or five tanks are reported in Carolina waters. These sales were made on the basis of 28c. per gallon, and it is thought that a further limited quantity of oil is to be had on the same basis. This equals about 30c. at Baltimore. Higher ideas concerning the market receive little or no consideration by the buyers. The fish now caught are fat and yield a relatively large proportion of oil.

SAN FRANCISCO, Nov. 22.—Buyers of California sardine oil finally last week conceded that sellers held control of the market when the former capitulated to the producers' demands of 30 cents per gallon in tankcars and several units went into contract on that basis in northern California. Sellers have now pegged their ideas of price at 31 cents and buyers have so far failed to follow, leaving standing bids in the market at 30 cents, which are going unfilled. In the southern portion of the state, San Pedro oil is reported being held for 32 cents, with the market condition slow.

The three high seas reduction factories now working off the Coast near San Francisco will probably automatically be called into port not later than December 15, about which time it is expected the new fish law will go into effect. This law will in effect make it impossible for these boats to work fish in the quantity they have been accustomed to. At the same time, the Fish & Game Commission looks for a smaller catch of fish from now to the end of the season.

October production of sardine oil in shore plants in Northern California was 2,062,590 gallons, the Commission reported today. September production was 2,631,689 gallons. Production for the season to the end of October 5,551,910 gallons against 3,743,226 gallons last season.

Fats and Greases

Grease.—Quotations were generally maintained at recently advanced levels with the tone of the market apparently firm. There was a fair inquiry. Spot stocks were said to be small or moderate.

Lard.—The local market for cash lard was quieter last week, both domestic and foreign trade showing some slackening. Price movements were moderate. The Chicago market for futures was quieter, labor troubles at the stock yards having a tendency to make traders curtail operations in lard.

Stearin.—Quiet conditions prevailed but offerings were light and the tone appeared to be steadier.

Tallow. — The local market for spot tallow was quieter last week, large consumers being disposed to hold off after recent developments, but in the absence of any increase in offerings the tone apparently remained firm. There were reports of a fair inquiry for small lots. The last business reported was at 5⅝c. per pound for extra, f.o.b.

Trading in tallow futures on the New York Produce Exchange from November 19 to November 25, inclusive, comprised 5 contracts, a total of 300,000 pounds. Following is a price record for the week:—

	Cents per pound in tanks— High.	Low.	Close.
January	...	...	5.55@5.75
March	5.72	5.72	5.65@5.80

Markets at Other Centers

Chicago, Nov. 25.—Declines in cash lard price have been reported in some cases, with the market fairly active.

The range of lard quotations from the opening Saturday, November 19, to the close Friday, November 25, is shown in the following table:—

	Per 100 pounds— Open.	High.	Low.	Close.	Previous Friday.
Cash	$7.10	$7.10	$6.92	$6.92	$7.12
January	7.22	7.22	7.02	7.05	7.22
May	7.92	7.92	7.77	7.85	7.95

TALLOWS (tierces).—Edible, 6¼c. to 6½c. per pound; prime, 5⅝c. to 5⅞c.; fancy, 5⅝c. to 5⅞c.; special, 5⅜c. to 5½c.; No. 1, 5⅛c. to 5⅜c.

GREASES (tierces).—Choice white, 5½c. to 5¾c. per pound; A white, 5⅜c. to 5½c.; B white, 5⅛c. to 5⅜c.; yellow, 10-16, 4⅞c. to 5c.; yellow, 16-20, 4⅝c. to 4⅞c.; brown, 4½c. to 4¾c.

STEARINS (barrels).—Prime oleo, 6¾c. to 7c. per pound; lard, packages, 8c. to 8½c.; A white grease, 5½c. to 5⅝c.; yellow grease, 5c. to 5⅛c.; extra oleo stocks, 9c. to 9¼c.; No. 2 stocks, 8½c. to 8¾c.

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

Cottonseed Crushings Decrease

Cottonseed received at mills, crushed and held, and cottonseed products manufactured, shipped out and held, August 1 to October 31, 1938, and 1937, amounted, according to the Bureau of Census to the following quantities:—

Cottonseed

	Tons— Received at mills* Aug. 1 to Oct. 31, 1938.	1937.	Crushed Aug. 1 to Oct. 31. 1938.	1937.	On hand at mills Oct. 31. 1938.	1937.
United States	2,690,490	3,372,244	1,464,564	1,930,994	1,558,544	1,483,644
Alabama	168,116	224,211	122,035	156,490	58,022	68,002
Arkansas	326,258	351,370	147,440	160,214	199,040	191,540
California	52,324	99,188	42,138	39,707	31,908	64,949
Georgia	162,496	294,818	134,339	220,040	43,451	77,106
Louisiana	143,905	185,618	83,713	108,825	66,074	76,997
Mississippi	509,172	571,138	218,140	254,311	332,830	325,112
North Carolina	55,867	125,968	44,720	73,941	18,942	52,438
Oklahoma	125,652	124,284	47,397	84,570	81,925	40,216
South Carolina	78,389	116,679	70,180	85,793	9,761	31,536
Tennessee	269,606	211,447	103,937	107,140	178,279	104,720
Texas	688,585	973,740	401,679	595,386	468,979	401,226
All other States	110,120	93,783	48,826	44,577	69,333	49,802

* Includes seed destroyed at mills, but not 337,118 tons and 42,394 tons on hand Aug. 1 nor 10,026 tons and 29,403 tons reshipped for 1938 and 1937, respectively.

Cottonseed Products

Manufactured, Shipped Out, and Held

	On hand Aug. 1.	Produced Aug. 1 to Oct. 31.	Shipped out Aug. 1 to Oct. 31.	On hand Oct. 31.
Crude oil, pounds—				
1938-1939	*33,833,717	449,980,922	78,073,849	*151,570,078
1937-1938	11,141,266	372,280,756	497,259,832	135,719,555
Refined oil, pounds—				
1938-1939	†487,927,952	‡308,116,680	.....	†446,738,694
1937-1938	441,052,343	373,800,505	.....	330,366,573
Cake and meal, tons—				
1938-1939	214,611	650,682	569,913	295,380
1937-1938	41,952	851,678	753,870	139,760
Hulls, tons—				
1938-1939	133,153	378,193	345,198	166,148
1937-1938	43,422	498,707	437,763	104,366
Linters, running bales—				
1938-1939	457,464	350,239	308,419	499,284
1937-1938	61,547	435,982	247,301	250,228
Hull fiber, 500-lb. bales—				
1938-1939	30,534	12,324	8,678	34,180
1937-1938	1,828	17,388	4,014	15,202
Grabbots, motes, etc., 500-lb. bales—				
1938-1939	36,592	15,135	15,482	36,245
1937-1938	7,379	21,503	8,005	20,877

* Includes 11,339,523 and 36,108,871 pounds held by refining and manufacturing establishments and 12,855,220 and 33,915,160 pounds in transit to refiners and consumers August 1, 1938, and Oct. 31, 1938, respectively.

† Includes 5,199,739 and 5,459,977 pounds held by refiners, brokers, agents, and warehousemen at places other than refineries and manufacturing establishments and 7,696,711 and 5,498,836 pounds in transit to manufacturers of shortening, oleomargarin, soap, etc., August 1, 1938, and Oct. 31, 1938, respectively.

‡ Produced from 329,369,207 pounds of crude oil.

Exports and Imports for Two Months Ended September 30

	1938.	1937.
Exports—		
Oil, crude, pounds	86,884	64,418
Oil, refined, pounds	822,495	824,603
Cake and meal, tons of 2,000 pounds	5,472	9,281
Linters, running bales	30,063	37,376
Imports—		
Oil, crude, pounds	*none	none
Oil, refined, pounds	16,250,996	19,644,616
Cake and meal, tons of 2,000 pounds	25	595
Linters, bales of 500 pounds	10,309	2,766

* Amounts for October not included above are 2,414,982 pounds refined "entered direct for consumption," 2,735,387 refined, "withdrawn from warehouse for consumption," and 2,277,821 refined, "entered direct into warehouse."

Liverpool, Nov. 25.—Quotations per cwt. on refined American lard were as follows:—

	Spot. s. d.	Nov. s. d.	Jan. s. d.	May. s. d.
Saturday	45 6	42 0	42 3	42 9
Monday	45 6	42 0	42 3	43 0
Tuesday	45 0	41 3	41 6	42 3
Wednesday	45 0	41 3	41 6	42 3
Thursday	45 0	41 0	41 6	42 3
Friday	45 0	41 0	41 6	42 3

Liverpool, Nov. 25.—Quotations per cwt. on tallow were as follows:—

	Choice. s. d.	Fine, good mixed. s. d.
Saturday	21 6	18 6
Monday	21 6	18 6
Tuesday	21 6	18 6
Wednesday	21 6	18 6
Thursday	21 6	18 6
Friday	21 6	18 6

Animal Oils

Degras.—A steady tone continued to prevail, quotations being maintained at previous levels. Supplies of both domestic and foreign crude degras were light. There was a fair inquiry.

Lard.—New developments in the way of price changes were lacking, the market being steady at the downward revision announced in the previous week. There was a fair movement of moderate quantities.

Neatsfoot.—The market was steady at the recent decline. There was apparently no change in the character of business, interest on the part of consumers being limited to unimportant lots.

Oleo.—Reports were current of a somewhat better inquiry but the movement was apparently made up mainly of comparatively small or moderate quantities. The market was steady.

Markets at Other Centers

Chicago, Nov. 25.—The animal oil market has continued slow and rather featureless.

LARD.—No. 1, 8½c. to 8¾c. per pound.

OLEO.—No. 2, 8¾c. to 9c. per pound.

TALLOW.—Acidless, 7½c. to 7¾c. per pound, tanks, and 8c. to 8½c., barrels.

Waxes

Bees.—A steady market prevailed on the spot. While demand was not especially active, it was well up to the volume noted in recent periods, and the movement into consumption kept quotations well maintained in all directions.

Candelilla.—Although sales were moderate in volume last week, the market continued to be well stabilized. and quotations on spot were held in line with those in the primary market, where values were fully controlled by the producers' cartel.

Carnauba.—Lack of spot demand continued to check against the fact that local stocks unsold on this market were very small. Some said that wax was actually scarce. Hence, it was the considered opinion of leading sellers that quotations on spot would probably advance considerably should demand expand conservatively. Reports concerning the primary market position of the material emphasized strength as the preeminent feature at the source. Export arrangements that include practically all shippers worked to the full maintenance of quotations at the source, and no signs of a probable turn of values favorable for importers could be discerned by the local trade on spot last week.

Japan.—The market was competitive and reports current last week were to the effect that firm orders in hand could be filled at a fractionally lower quotation of 9¾c. to 10c. per pound. The call was very light.

Salad Dressings Output Up

The commercial production of salad dressing, mayonnaise and related products amounted to approximately 38,150,000 gallons during 1937, with a total value of approximately $50,000,000 according to the bureau of foreign and domestic commerce. This compared with an estimated total of 35,930,000 gallons during 1936. A breakdown of the production statistics shows that the 1937 total of salad dressing was 21,790,000 gallons; mayonnaise, 10,990,000 gallons; sandwich spreads, 3,780,000 gallons; french dressing, 1,180,000 gallons and others, 420,000 gallons. There were fifty-seven establishments producing salad dressing, against fifty-six in 1936.

Peerless Paint & Varnish Company plans an addition to its plant at 1600 Downey Road, Downey, Calif.

Margarin Manufacturing Operations Off in Sept.

According to figures reported to the Bureau of Internal Revenue, Washington, the margarin manufacturers' production in September, 1938, compared with September, 1937, as follows:—

	Pounds— Sept., 1938.	Sept., 1937.
Total production of uncolored oleomargarin	*32,280,582	†34,708,828
Total withdrawn tax-paid	31,967,202	34,772,267

Ingredients used in the production of colored and uncolored margarin in September, 1938, compare with September, 1937, as follows:—

In Uncolored Margarin

	Pounds— Sept., 1938.	Sept., 1937.
Babassu oil	871,242	156,956
Coconut oil	8,667,307	9,022,494
Corn oil	.....	141,569
Cottonseed oil	10,236,664	13,252,621
Derivative of glycerin	151,961	105,035
Lecithin	8,785	5,437
Milk	6,190,187	6,377,643
Neutral lard	110,562	109,330
Oleo oil	1,093,992	736,964
Oleo stearin	273,543	363,933
Oleo stock	118,035	91,457
Palm kernel oil	113,472	529,828
Peanut oil	330,247	215,051
Salt	1,291,013	1,527,644
Soda benzoate	12,316	12,257
Soy bean oil	4,274,614	3,834,100
Vegetable stearin	9,165	.....
Vitamin concentrate	1,147	.....
Totals	33,754,253	36,482,319
Total production of colored oleomargarine	‡106,260	¶133,789
Total withdrawn tax-paid	33,236	49,426

In Colored Margarin

Coconut oil	44,131	31,333
Color	122	105
Corn oil	.....	37
Cottonseed oil	9,660	28,922
Derivative of glycerin	244	232
Lecithin	3	.....
Milk	25,784	33,141
Neutral lard	4,135	2,512
Oleo oil	15,910	26,741
Oleo stearin	150	602
Oleo stock	189	2,079
Palm kernel oil	105	2,260
Peanut oil	148	75
Salt	6,755	12,043
Soda benzoate	66	50
Soybean oil	17,373	20,356
Vegetable stearin	9	.....
Vitamin concentrate	1	.....
Totals	124,785	160,486

* Of the amount produced, 20,685 pounds were reworked.

† Of the amount produced, 11,017 pounds were reworked.

‡ Of the amount produced, 2,480 pounds were reworked.

¶ Of the amount produced, 582 pounds were reworked.

Cottonseed Oil Mills Noted Improvement in 1937

Cottonseed oil mills in the United States reported considerable increases in employment, wages and value of products for 1937 as compared with 1935, according to preliminary figures compiled from the returns of the recent Biennial Census of Manufactures, released by the Bureau of the Census.

The number of wage earners in these mills increased from 13,226 in 1935 to 16,583 in 1937. The value of the products of the industry last year amounted to $242,042,808, against $187,887,305 for 1935. There were 447 establishments in 1937, against 458 in 1935.

Summary for Industry

	Season (12 months ended July 31. 1937.	1935.
Crude cottonseed products, total value	$229,183,000	$177,738,000
Oil—		
Pounds	1,363,978,069	1,108,582,294
Value	$123,189,000	$91,849,000
Cake and meal—		
Tons (2,000 lbs.)	2,031,488	1,614,345
Value	$65,783,000	$54,023,000
Hulls—		
Tons (2,000 lbs.)	1,144,138	913,039
Value	$10,472,000	$10,260,000
Linters—		
Bales	1,126,873	805,083
Value	$29,739,000	$21,606,000
Cottonseed, crushed, tons (2,000 lbs.)	4,498,321	3,549,891

Flax Institute Re-elects Officers and Directors

Dr. H. L. Walster of the North Dakota Agricultural College, was re-elected president of the Flax Institute of the United States at its annual meeting in Minneapolis, November 4. Other officers elected were:—Vice-presidents, F. C. Smith, of the Minnesota Linseed Company; H. L. Bolley, of the North Dakota Agricultural College; H. K. Hayes, of the Minnesota Farm School. Secretary, Walter Gilruth, manager of the flax division of the Pittsburgh Plate Glass Company. The entire board of directors was re-elected.

F. C. Smith addressed the meeting on drying oils and their uses. A resolution was passed calling on Congress and the Secretary of Agriculture to do all possible toward eradicating grasshoppers. Dr. A. H. Benton spoke on the agricultural problem in the matter of flax production.

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Drugs, Fine Chemicals

Foreign and Domestic Quicksilver Rise Sharply — Mercurials Hold Unchanged — Boric Acid and Borax Prices Extended Through First Six Months of 1939

Outstanding in the market for drugs and fine chemicals last week were the sharply higher prices on domestic and foreign quicksilver, and the unchanged quotations on mercurials. Announcement of contract prices on boric acid and borax was also a long looked for development. In general, the market was one of quiet proportions in which generally unfavorable weather conditions continued to hold back the normal expansion in consumption of seasonal materials. However, prices in general were well maintained in all quarters and in all respects.

The advance in prices on foreign metal took place, in the opinion of do-

Price Changes

Prices were changed during the past week as follows:—

Advanced

Quicksilver, domestic, $5 per flask. imported, $7 per flask.

Reduced

Cadmium metal, 10c. per lb. Menthol, 5c. per lb.

Comparative Values

Index numbers compiled from thirty-five typical drugs and fine chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
182.5	182.5	182.6	182.7

Market news that may have developed after this report was sent to press will be found on page 4.

mestic factors, was because of foreign producers' expectations that some of the largest consumers in this country would be forced abroad to cover their needs. Against this was the domestic producers' assertion that home production will probably be able to supply the requirements of home manufacturing consumers. Makers of mercurials held prices unchanged; they had not reduced them steadily when domestic metal quotations dropped recently.

Boric acid and borax prices now prevailing were extended to cover contract business over the first six months of 1939. This was expected to prove the prelude to a liberal renewal of existing obligations.

The wide spread in prices on denaturing grade methanol reported in the previous week, when one large producer advanced quotations and others failed to change, continued to prevail. No further change in the schedule on isopropyl acetate and methylethyl ketone was made.

Acid, Acetic.—Of importance was the fact that duty on importations of this article were reduced in the trade pact signed in the previous week by the United States and Canada. Acid containing by weight more than 65 percent acetic acid is now dutiable at 1c. per pound; not more than 65 percent, ¾c. per pound.

Acid, Boric.—Leading suppliers notified buyers last week that prices prevailing at present were being extended to cover contracts over the first six months of the coming year. However, contracts will contain the proviso that any advance in freight rates will be for the account of the buyer.

Acid, Citric.—Not much demand was current last week but the movement was about all to be expected at this time of the year and the market was generally steady so far as prices went.

Acid, Phosphoric.—Prices on technical were reported to be lower but values on the U.S.P. grades lacked quotable change. In fact, considering the current volume of demand, the market was considered to be well stabilized as quoted.

Acid, Tartaric.—Trade was routine in all respects. It appeared probable that business over the balance of this year will be conservative in volume and generally on the quiet side. Prices lacked either change, or sign of pending change.

Alcohol.—New developments were lacking. Weather—or rather temperature—conditions were favorable to substantial expansion of sales of completely denatured material into consuming channels. Industrial consumption was in very fair volume and business was done under fairly stable conditions which were expected to keep prices very steady over the balance of this year.

Aloin.—While a change in prices has been expected, it has yet to come notwithstanding the fact that one producer in the recent past did advance quotations considerably. Comment in circles other than the producers last week was to the effect that consumption would likely be affected adversely if prices were advanced much more.

Borax.—The prevailing prices have been extended to cover contract business on deliveries during the first six months of the coming year. However, new contracts will contain a clause expressly reserving any advance in freight rates for the account of buyers. Renewal of contracts was expected to develop promptly.

Cadmium Metal.—By the terms of the trade pact signed in the previous week by the United States and Canada, the duty on metal imported into this country was reduced to the basis of 7½c. per pound; it was a reduction of 50 percent. Demand was good.

Castor Oil.—Undertones were steady to firm. While demand was not substantial, it was at least close to that current in recent periods. Over the balance of this year, however, a quiet movement seemed likely to be the rule. Prices remained steady.

CHICAGO, Nov. 25.—Business in castor oil is moderately good. Buyers in various lines are inquiring for material and placing orders for good quantity. Inquiries also have been along substantial lines. Ruling prices are:—No. 1, barrels, car lots, 10½c. per pound; barrels, less than car lots, 10⅞c.; returnable drums, car lots, 9⅞c.; drums, less than car lots, 10⅝c.; tanks, 9⅜c.; No. 3, barrels, car lots, 9⅝c.; barrels, less than car lots, 10⅜c.; drums, less than car lots, 10½c.; tanks, 9⅞c.

Charcoal.—The duty into Canada was reduced to $4 per ton in the trade pact signed with the United States during the previous trading period. This was a concession of importance to the methanol producers in this country; they are large producers of by-product hardwood charcoal and any increase in the market for their production will be of advantage to the natural methanol industry.

Cinchophen.—Business was not large but it was at least up to that current for the past several weeks and most producers indicated that prices were occupying a very steady position in the absence of competition.

Codeine.—Some, but not much, improvement in demand for sulphate and phosphate was reported and the gain in interest was along seasonal lines. Undertones were very steady. Deliveries were prompt.

Codliver Oil.—Seasonal business has improved some and the market as a whole was fairly active throughout the past week. Of interest was the arrival of 1,600 tons—a tank steamer—of oil from Germany, the oil reaching here during the previous week. This was the second time that such a quantity reached here from Germany.

Cream of Tartar.—Steady prices, fair demand, and ample reserves about covers the position of this article last week. The market was firm.

Glycerin.—All prices were on the steady side last week. A fair sort of consuming demand was noted but with the end of the year not far off, some buyers showed a disposition to keep down their inventories of this raw material. A fairly stable market seemed to be a reasonable prospect between now and January 1.

CHICAGO, Nov. 25.—A little easiness is reported in sections of the Glycerin market, perhaps because lack of complete adjustment to recently reduced prices. However, orders for c.p. and other grades are reaching sellers in good volume, and buyers seem willing to do business on a substantial basis. Ruling prices are:—Chemically pure, tanks, 12¼c. per pound; drums, car lots, 12½c.; drums, less than car lots, 13c.; high gravity, tanks, 11¾c.; drums, car lots, 12c.; drums, less than car lots, 12½c.

Menthol.—According to a report issued by the Department of Commerce, based on information supplied by the

Current prices on drugs and fine chemicals are given in the alphabetical list of prices beginning on page 7

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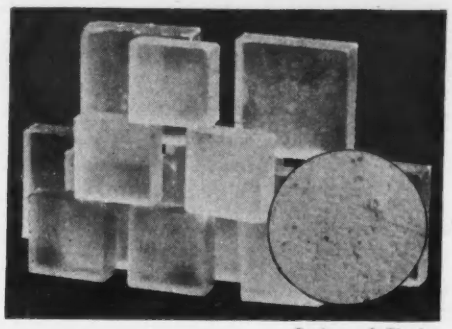

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American Consulate at Kobe, Japan, production in the year ended June 30, 1938, totaled 1,720,000 pounds—an estimated figure. Of this quantity, 397,000 pounds were produced on the mainland and the rest on the island of Hokkaido. The total was 595,000 pounds less than the estimated production for the preceding year. According to the same report, exports during the past and previous fiscal years, by countries, were as follows:—

Exports—Fiscal Year

	Pounds	
	1936-37.	1937-38.
China	110,800	80,400
Hongkong	41,700	2,300
Straits Settlements	209,100	69,100
Netherlands Indies	325,200	162,500
Great Britain	342,500	403,600
France	329,300	425,400
Germany	447,500	511,700
United States	568,300	644,600
Australia	87,800	111,600
Others	697,800	893,400
Totals	3,360,000	3,304,600

Mercurials.—Since prices on the mercurial group were not reduced steadily during the recent period when quicksilver quotations dropped to very low levels, the makers of mercurials kept quotations unchanged last week when the raw material market was substantially advanced on spot, coincident with a very sharp rise in the foreign quotations on mercury. The market was steadier, however.

Methanol.—The wide spread of prices on denaturing grade methanol remained unchanged last week; the market ranged 25c. to 31c. per gallon according to seller. Pure, natural methanol was confirmed at unchanged prices in all directions. Of importance to makers of natural methanol was the chance for a larger Canadian market by reason of Canada reducing the duty on charcoal.

Methylethyl Ketone.—Prices lacked further change and appeared to be on a level permitting sellers to meet competition offered by other materials. The situation seemed to be generally steady last week.

Milk Powder.—While unsold stocks still seemed to be substantial, leading producers of this article kept their quotations unchanged notwithstanding the moderate consumption outlet available to them during the past week.

Quicksilver.—Domestic metal prices were advanced to $77 to $80 per flask last week. This movement was coincidental with the advance of the price on foreign metal to the basis of $64 per flask in bond, equal to about $83.25 per flask, duty paid. The price on foreign goods was either c.i.f. for shipment, or ex store. Prominent factors in domestic metal declared that only the entry of specially large buyers into the foreign market will support such a price. And it seemed likely that current home production was equal to all probable demand of home industries.

SAN FRANCISCO, Nov. 22.—A sharp jump in the quicksilver price in New York, applied to foreign metal, which took place yesterday, had the effect of causing selling agents of local mines to move cautiously, and to watch for further developments before attempting to sell more metal. Previously to this, the market had been fairly active on the basis of $73 per flask, New York basis, with some small lots reported as going at $74. Production here is pretty well sold ahead for the present, it is learned. Several hundred flasks at least have been sold on contract within the last 10 days or so, it is learned reliably.

Quinine. — Routine but especially steady request was the rule and the market as a whole was exceptionally steady from the standpoint of both demand and price. Stocks were in ample reserve to cover any unusual request from consumers.

Silver Nitrate.—The schedule of prices since the last report prevailed as follows, covering quantities of 500 ounces; small lots from 1c. to 2c. more per ounce, and quantities of 500 ounces are quoted at about 1c. less. Comparison of prices of bullion in New York and London is also provided.

	Per ounce		
		Bullion	
	Nitrate, Cents.	New York, Cents.	London, Pence.
Saturday	31½	42¾	19 13/16
Monday	31½	42¾	20 1/16
Tuesday	31½	42¾	20 1/16
Wednesday	31½	42¾	20⅛
Thursday	*	*	20 1/16
Friday	31½	42¾	20⅛

* Holiday here.

Pepsi-Cola Company, Long Island City, has been ordered by the New York State Supreme Court to pay William F. Heller $22,273 for dividends on 10,000 shares of the corporation stock, which Mr. Heller claimed he owned in 1936, but which the company contended that the stock had been cancelled "by agreement" in 1936.

'Ex-Lax' Defamer Punished for Contempt

Gertrude Owen, a "barker" and one of the members of the clan of pitchmen who defame nationally advertised drug products, was adjudged guilty of contempt of court by Judge Meier Steinbrink, of the New York Supreme Court, after a hearing November 15. She was fined, and a jail sentence was imposed in event of her failure to pay the fine. Mrs. Owen was found to have violated the injunction obtained by Irvin A. Edelman, counsel for Ex-Lax, Inc., against her and other barkers, granted by Justice Mitchell May of the same court.

The injunction prohibited the defendant from even mentioning phenolphthalein, the active ingredient of many laxatives. Despite the injunction, Mrs. Owen frequently denounced phenolphthalein as poisinous in speeches to crowds gathered in a store in the heart of the Times Square district of this city. Her defamatory and contemptuous remarks reached large numbers of people who attended her talks during the day and night.

Ex-Lax, Inc., instituted contempt proceedings, and after the trial it was found by the court that Mrs. Owen had disregarded the court's injunction.

In his opinion, Judge Steinbrink stated that the supreme court would not permit defendants to violate court orders, and warned the barkers present in court, including Edward J. Ross, that any subsequent violations would be dealt with very severely.

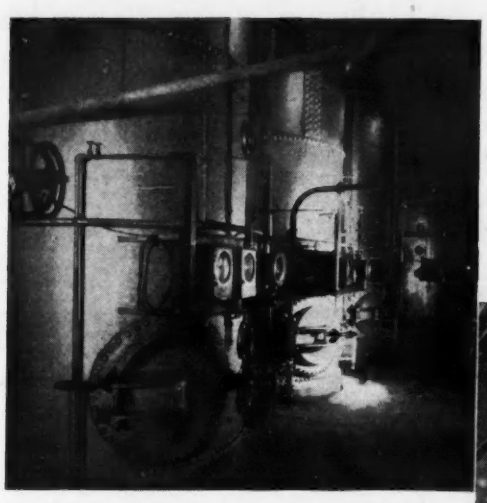
The contempt secured in this case is one of a series of successful actions prosecuted by Ex-Lax, Inc., and by its attorney, Irvin A. Edelman, this city, against the barkers and pitchmen who sell their "herbs" and cure-alls," at the expense of legitimate and widely known and used drug products. Ex-Lax, Inc., has secured injunctions against various pitchmen and barkers in the State and Federal courts, including Edward J. Ross, one of the leaders of the barking "profession."

These injunctions circumscribe the "spiels" which the barkers use and enjoin them from their practice of calling into disrepute practically every well-known drug on the market. Hardly a manufacturer of a proprietary item is spared from these false and malicious campaigns of studied defamation. Several years ago, conditions reached such a point that the Proprietary Association organized a committee on pitchmen and barkers to get after these barkers. Through stringent investigation, through "cease and desist" letters sent by Mr. Edelman, as counsel for the committee, and through legal action in many courts, much of this predatory activity has been halted.

Mr. Edelman predicted that the punishment of Mrs. Owen for contempt of court will go a long way in putting a final stop to the false and unfair attacks by barkers on proprietary medicines and the resulting injury to the legitimate trade of druggists, as well as the business reputation of manufacturers.

Imperial Chemicals Industries, Ltd., plans production of chlorine this year at its Aesta, Finland, which has a potential annual capacity of 6,000 tons.

RECRYSTALLIZATION AND PROCESS REFINEMENTS PRODUCE HIGH PURITY IN DOW EPSOM SALT, U.S.P.



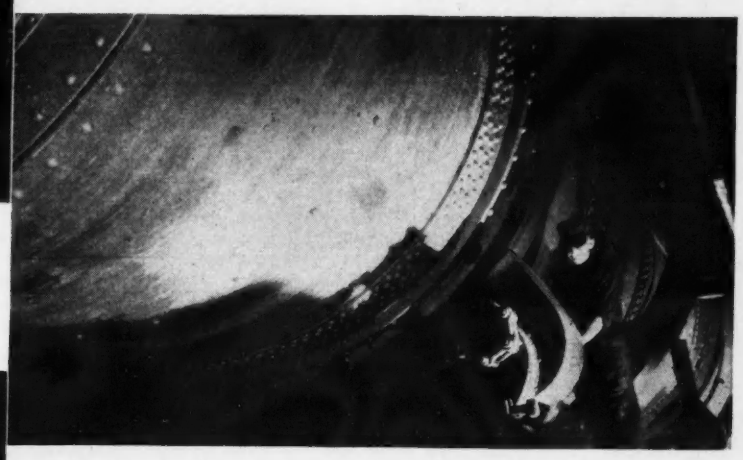
1. After the epsom salt solution has been brought to correct-concentration, treated and filtered, it is crystallized in these rubber and Monel metal-lined, high-vacuum crystallizers of Dow design.

Recrystallization and special process refinements give Dow Epsom Salt, U.S.P., the exceptional purity *exceeding* even the high standards of U. S. Pharmacopoeia.

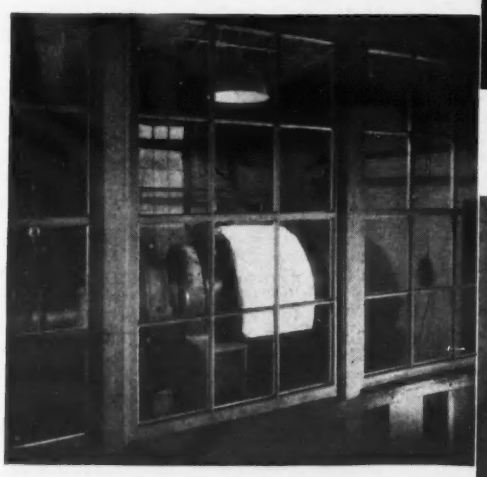
During processing, Dow Epsom Salt is alternately crystallized and washed with filtered water which removes both chemical and mechanical impurities.

To further safeguard the quality of this product, all equipment is lined with rubber or Monel metal.

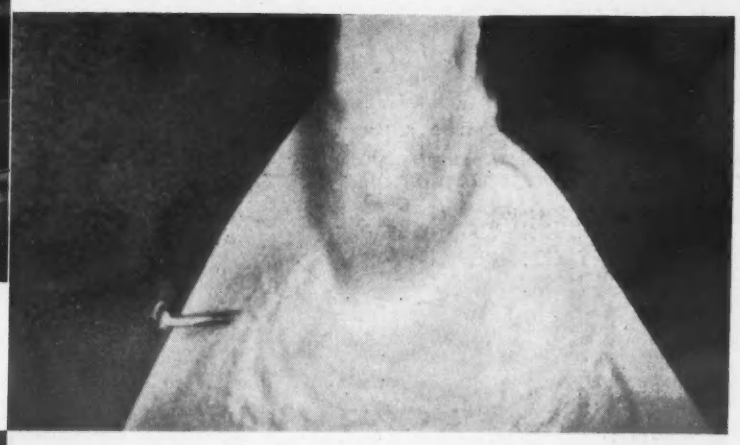
The white, sparkling, uniform, needle-shaped crystals that characterize Dow Epsom Salt, U.S.P., Recrystallized, symbolize its extreme purity.



3. After filtering, the epsom salt crystals are discharged into this 12 ft. diameter by 50 ft. long Monel metal-lined rotary dryer. Uniform crystals for pharmaceutical use are then obtained by means of vibrating screens.



2. Continuous vacuum rotary filters, operating in air-conditioned rooms, complete the separation of the epsom salt crystals from the solution.



4. Completely processed, the epsom salt is continuously sampled as it enters each bin. No packaging is done until each sample has been tested for chemical purity, freedom from foreign material, crystal form, dryness and color.

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The Drug Department of McLaughlin, Gormley, King Co.	32 "
Murray & Nickell Mfg. Co.	72 "
Smaller firms, plus our own record of continuous operation	84 "
	300 "

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THE WORLD'S LARGEST BOTANICAL DRUG HOUSE

Alcohol Production Lower in 1937-38

—Continued from page 4

The number of denaturing plants operated decreased from forty-five in 1937 to forty-three in 1938.

Ethyl Alcohol

Operations of Plants and Warehouses

(Number of plants operated, 36 in 1937-38; 38 in 1936-37; number of bonded warehouses, 68 in 1937-38; 73 in 1936-37.)

	Proof gallons— 1937-38.	1936-37.
Production	201,033,858	223,181,228
Removed to bonded warehouses	200,343,151	222,828,218
Withdrawals, total*	196,878,568	215,220,823
Tax-paid	28,976,609	32,289,650
Tax-free, total	167,901,959	182,931,173
For denaturation*	164,263,210	179,324,373
For hospital and scientific use	1,849,899	1,764,740
For use of U. S. and subdivisions	950,760	1,041,828
For export	167,534	163,156
For medicinal, beverage and other authorized uses in Puerto Rico	670,556	637,076
Losses in warehouses	524,879	528,194
Losses in transit	41,048	39,871
Stocks in bonded warehouses June 30†	32,046,632	28,464,541

Materials Used

Molasses, gals.	162,557,843	202,631,056
Grain—		
Corn, lbs.	189,235,346	198,467,734
Malt, lbs.	26,832,102	29,247,273
Rye, lbs.	5,386,117	4,598,838
Other,‡ lbs.	363,695	344,162
Ethyl sulphate, gals.	26,577,150	25,492,675
Sulphite liquor, gals.	.....	12,060,125
Pineapple juice, gals.	2,007,339	3,598,222
Cider, gals.	.....	34,820
Corn sirup, gals.	.....	28,446
Fermented liquor, gals.	.....	23,157
Miniоca meal, lbs.	156,296	634,552
Miscellaneous, lbs.	16,350	58,845

* Includes 194,606 proof gallons in 1937 and 666,271 proof gallons in 1938 transferred to denaturing plants by alcohol plants not having bonded warehouses.

† Stocks in transit between bonded warehouses and quantities in receiving tanks of alcohol plants awaiting transfer to bonded warehouses not computed.

‡ Includes 19,180 pounds of diamalt in 1937 and 17,114 pounds in 1938.

Denatured Alcohol

(Including denatured rum)

Denaturing Plant Operations

(Plant operating numbered 43 in 1937-38; 45 in 1935-36.)

	Wine gallons— 1937-38.	1936-37.
Production, total	94,607,741	102,202,659
Completely denatured	25,598,717	22,118,378
Specially denatured	69,009,024	80,084,281
Withdrawals, total	94,981,204	103,165,980
Completely denatured	25,727,946	23,484,104
Specially denatured	69,253,258	79,681,876
Formula 1	18,421,779	25,156,600
1-A	1,085	3,404
2-A	13,356	25,784
2-B	17,382,747	19,359,445
3-A	905,845	899,522
3-B	1,497	2,554
4	1,583,043	1,565,282
6-A	46,217	46,491
6-B	55,919	71,213
12-A	222,563	344,911
13-A	704,267	831,643
15	1,401	2,400
17	1,312,917	945,507
18	6,852,795	6,362,507
19	72,889	73,410
20	1,260	1,050
22	732	1,884
23	885	3,876
23-A	1,318,000	1,495,541
23-B	190	411
23-C	4,115	7,721
23-D	51	100
23-E	21	16
23-F	53	7,057
23-G	2,831,725	3,420,840
24	1,145	1,075
25	13,322	12,671
25-A	50,621	69,671
27	24,087	48,192
27-A	8,746	10,114
27-B	29,984	44,761
28	226,136	542,257
28-A	318,194	88,265
29	9,725,817	9,756,303
30	251,848	305,773
31-A	3,851	1,768
32	41,565	69,196
33	3,401	4,046
35	19,964	14,070
35-A	2,958,512	3,565,918
36	4,111	4,667
37	525,267	647,524
37-A	1,848	1,323
38	22,190	30,467
38-A	100	300
38-B	283,126	441,598
38-C	13,927	15,795
38-D	18,408	14,361
38-E	184	501
39	6,428	5,450
39-A	23,708	29,781
39-B	211,763	243,373
39-C	491,086	529,475
39-D	17,600	14,992
40	2,173,259	2,243,746
41	2,036	2,572
42	15,582	14,191
43	50	100
44	14,457	12,161
44-A	3,244	13,863
45	7,173	4,347
46	1,202	1,280
47	4,225	6,362
Losses, total	101,569	102,950
Stocks, June 30, total	1,191,624	1,657,131
Completely denatured	699,772	857,663
Specially denatured	491,852	799,468

Bonded Dealers' Operations

(Number operating, 64 in 1937-38; 67 in 1936-37)

	Wine gallons— 1937-38.	1936-37.
Received*	3,019,005	3,997,465
Removed*	3,081,681	3,979,208
Losses in storeroom	1,944	3,915
Stocks June 30	283,206	349,789

Bonded Manufacturers' Operations

(Number operating, 4,321 in 1937-38; 4,321 in 1936-37)

Received	69,959,309	79,354,231
Recovered after use	57,198,813	60,744,887
Total used	127,456,902	139,054,515
Losses	87,182	103,903
Stocks June 30	2,708,739	3,369,088

* Excluding inter-dealer shipments.

N.Y. Drug-Chemical Looks To Greater Service

—Continued from page 5

application and interpretation on their part that business can be transacted and the public interest be best served.

Fishbein at Next Meeting

William D. Barry, of Mallinckrodt Chemical Works, chairman of the program committee, reported that Dr. Morris Fishbein, editor of the *Journal of the American Medical Association*, would be the speaker at the next luncheon meeting, December 16 in the Hotel Commodore. His topic will be "How the Drug Industry Can Better Serve the Public." James C. Chilcott, of the Maltine Company, will be toastmaster.

The memorials committee reported through Hugh Craig, of the OIL, PAINT AND DRUG REPORTER, the deaths of Frank M. Bauer, James F. Hayes, Dr. Charles H. Herty, Elon H. Hooker, Dr. Charles H. La Wall, Jerry McQuade, J. Edward Murray, Dr. S. Schwabacher, Oscar W. Smith, William D. Ticknor, and Kurt Walwer. The members stood in tribute to the memory of those departed while their names were read.

At the motion of Mr. Craig the section sent a message of cheer and sympathy to R. E. Lee Williamson, secretary of the Federal Wholesale Druggists Association, who was ill in the Midtown Hospital.

R. D. Keim, of E. R. Squibb & Sons, delivered a commentary on the reports of the section's activities, dealing with various topics humorously, ironically, sarcastically, or seriously as they seemed to him to warrant. A variety of comment was presented by F. J. McDonough, of the New York Quinine & Chemical Works; Ralph E. Dorland, of the Dow Chemical Company; and others.

Charles E. Kelly, of Hagerty Brothers & Co., proposed the enthusiastically given vote of thanks for the services of Phil Dinkins as chairman.

M. D. McDonald advocated an amendment to the Federal food, drug, and cosmetic act, which would provide judicial review for administrative rulings excluding foreign goods on the grounds that the conditions of their production were unsanitary.

New Executive Group

Unanimous approval of the slate presented for the nominating committee by Joseph A. Huisking, of Charles L. Huisking & Co., elected the following as members of the executive committee:—

Carl M. Anderson, of Merck & Co.; W. D. Barry, of Mallinckrodt Chemical Works; Rudolph F. Berls, of McKesson & Robbins, Inc.; C. C. Caruso, of Schieffelin & Co.; John A. Chew, of John A. Chew, Inc.; Turner F. Currens, of the Norwich Pharmacal Company; James DeCesare, of White Laboratories; M. N. de Noyelles, of Charles Pfizer & Co.; Ralph E. Dorland, of the Dow Chemical Company; David L. Kaltman, of D. Kaltman & Co.; Charles E. Kelly, of Hagerty Brothers & Co.; Elvin H. Killheffer, of E. I. du Pont de Nemours & Co.; H. M. Kirkham, of the Upjohn Company; Robert J. Magnus, of Magnus, Mabee & Reynard, Inc.; Paul Miller, of the International Cellucotton Products Company; J. H. Montgomery, of Fritzsche Brothers, Inc.; S. B. Penick, jr., of S. B. Penick & Co.; George Simon, of the Heyden Chemical Corporation; and J. J. Toohy, of E. R. Squibb & Sons.

The executive committee will meet November 29 and select from its members a chairman, a vice-chairman, a treasurer, and a representative on the directorate of the New York Board of Trade.

Soda Hypochlorite Output Slightly Higher in 1937

Production of sodium hypochlorite in 1937 amounted to 74,443 tons, basis 15 percent, valued at $6,229,359, according to preliminary figures compiled from returns of the recent Biennial Census of Manufactures, released by the Bureau of the Census. The 1935 production figure was 50,807, valued at $4,304,921. There were fifty-eight establishments in 1937 against 53 in 1935.

Botanical Drugs, Spices, and Gums

Vanilla Beans Strong, Advancing, and in Small Reserve—Buchu Leaves Shaded—Stramonium Gains Strength When Detentions Keep Stocks Low—Paradise Grains Scarce

So far as demand was concerned, the botanical drug market showed little improvement last week. Some reports indicated moderate gains in the sales of specialties, but on the whole volume was below normal and small lot transactions overshadowed other business in the market. Pricewise, most medicinal items were at least steady. Furthermore, there did not appear to be any materials definitely in weak position. The feeling most often expressed was that trade over the balance of this year was likely to be quiet.

Competition was noted in buchu leaves and the market was shaded slightly. Grains of paradise were practically off the market here, and were almost impossible to obtain for shipment. It was virtually a nominal market.

Vanilla beans were in the strongest position for a number of years. Stocks throughout the world have been rarely smaller than at present. Also, unsold stocks were in strong hands. Finally, local opinion favored continued rise in the market unless consumption should be sharply reduced.

Senega root continued in strong position, with unsold stocks in the primary market being concentrated in the hands of good holders for higher prices. Linden flowers with leaves continued to show strength, as also did prickly ash berries.

Entries of botanicals at the port of New York since the week of January 1, 1938, the detention of these items by the Department of Agriculture because of the presence of matter rendering them unfit for human consumption were:—

	Bags	
	Detained.	Entered.
Anise	1,065	1,793
Belladonna	51	314
Caraway	834	19,348
Cardamom (cases)	49	1,282
Celery	...	2,506
Coriander	2,378	11,726
Cumin	856	1,016
Digitalis leaves (cases)	68	88
Dill	...	653
Fennel	256	929
Henbane leaves (bales)	42	125
Mustard	200	29,661
Poppy	800	49,063
Sage leaves (bales)	49	1,927
Sesame	1,360	12,774
Stramonium (bales)	558	642
Thyme (bales)	9	827

Price Changes

Prices were changed during the past week as follows:—

Advanced

Clove, Zanzibar, 1¼c. per lb.
Grains of paradise, 5c. per lb.
Linden flowers, with leaves, 1c. per lb.
Laurel leaves, ½c. per lb.
Savory, ¼c. per lb.
Stramonium leaves, ½c. per lb.
Vanilla beans, Bourbon, 30c. per lb.
Mexican, whole, 25c. per lb.
cuts, 25c. per lb.
South American, 10c. per lb.

Reduced

Anise, Spanish, ½c. per lb.
Star, ¼c. per lb.
Buchu leaves, 1c. per lb.
Canary seed, Morocco, ½c. per lb.
Turkish, ¼c. per lb.
Argentine, ¼c. per lb.
Celery seed, Indian, ¼c. per lb.
Coriander seed, Morocco, ½c. per lb.
Cumin seed, ¼c. per lb.
Hemp seed, ½c. per lb.
Millet seed, yellow, ¼c. per lb.
early fortune, ½c. per lb.
Mustard seed, Dutch yellow, ¼c. per lb.
Danish yellow, ½c. per lb.
Poppy seed, Dutch, ½c. per lb.
Polish, ¼c. per lb.
Pepper, black, Alleppy, ¾c. per lb.
Lampong, ¼c. per lb.
Safflower, 1c. per lb.

Comparative Values

Index numbers compiled from forty typical botanicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
119.6	**119.6**	**121.5**	**138.7**

Market news that may have developed after this report was sent to press will be found on page 4.

Balsams

Copaiba.—Steady prices in a market of light demand were noted last week. Buying was routine and for the immediate needs of a not large number of consumers. Steady prices were the result of replacement cost holding stable.

Fir.—By the terms of the trade pact between the United States and Canada, the import duty on Canadian balsam fir is now 5 percent ad valorem, in place of the former 10 percent. Oregon balsam had no developments last week. Business was light.

Barks

Black Haw.—Some gains in sales were reported on root bark, but the improvement was moderate and failed to affect the price position of the material; it remained steady. Tree bark moved rather poorly, but quotations were maintained.

Cascara Sagrada.—Although spot demand was not very active, reports from the Pacific northwest indicated that export business to Europe had undergone some improvement at comparatively firm prices. Local quotations were steady and in line with well-held values at the source.

Elm.—Conservative improvement in inquiries was reported and the market had a firm undertone so far as select bark in bundles was concerned. Prices were well held and the tendency seemed to be upward now that the season of better consumption has begun.

Sassafras.—While demand was not for large lots on the whole, it had a steady quality throughout the past week and gave substantial support to prices recently prevailing on select bark. Undertones were on the firm side and a satisfactory season was expected.

Wild Cherry.—A moderate gain in request was noted, the development being seasonal, with conditions suggesting a fair expansion as the season progresses to its climax after the turn of the year.

Beans

St. Ignatius.—A narrow market prevailed, consisting of jobbing trade for the most part. Prices continued in all stabilized position locally.

Vanilla.—World stocks were said to be possibly the lowest in a number of years and the available supplies appeared to have been concentrated in strong hands, where definite ideas as to world values not only exist, but are being maintained. Locally, quotations were advanced no further last week, but the statement that Bourbons will sell for $5 per pound was by no means uncommon.

Berries

Prickly Ash.—Values were firm, but the tendency seemed still to be upward on spot and in the primary market. Unsold reserves were comparatively small and held mainly in strong quarters.

Raspberries.—Well dried berries were in steady position. Also, the jobbing business done last week was said to have been very good, giving an undertone of firmness to the market generally and keeping competition within narrow limits.

Flowers

Arnica.—Foreign and spot prices held firm. In both markets there was little competitive tendency for business at less than the minimum of open quotations. Most sellers had firm views as to the future of the material.

Linden.—Flowers with leaves brought 28c. to 30c. per pound throughout the past week and a fair business confirmed the market as quoted. Flowers without leaves were generally quiet as to demand, but fairly steady as to price.

Pyrethrum.—According to the official figures of the Department of Commerce, importations from January through September this year totaled 9,808,785 pounds, and during the month of September alone, 1,127,587 pounds reached this country. The total for nine months of this year was close to estimates made by importers recently and was in violent contrast to some figures released by the department in the form of a special report.

Safflower.—Competition brought a shading of prices to the basis of 22c. to 23c. per pound last week, which prices was close to the prevailing price of replacements in the primary market. Demand was fair.

Saffron.—Prices on Spanish material held unchanged and seemed to be steady notwithstanding the absence of much interest in the item last week. Unsold reserves did not constitute much of a supply and a return of substantial request was expected to renew market strength.

Gums

Aloe.—According to a report issued by the Department of Commerce, total imports of aloe gum into this country in 1937 were 717,788 pounds. A comparative table, broken down by countries of origin, for 1937, 1936, and 1935 was as follows:—

	Pounds		
	1935.	1936.	1937.
Italy	847	1,146	455
United Kingdom	258	3,797	1,359
Canada	...	...	546
Other British West Indies	...	26,000	5,322
Netherland West Indies	809,805	666,533	648,822
Aden	1,631	4,480	3,057
Union of South Africa	60,475	43,763	35,677
Germany	358	...	...
Saudi Arabia	...	...	3,057
Jamaica	25	...	...
Venezuela	...	...	11,321
British India	...	...	...
Netherland India	...	...	7,972
Totals	822,399	745,719	717,788

The spot market continued to be strong in price and upward in tendency.

Arabic.—Low prices prevailed in all quarters and since the market was not backed by much demand, conditions were entirely favorable for those with firm orders to place. Buyers' needs were conservative and developed along lines of immediate necessities. Shipments from the Sudan during August amounted to 1,378 tons, compared with 1,063 tons in August, 1937. Exports for the eight months, January-August, 1938, totaled 17,888 tons, compared with 16,143 tons in the corresponding months of 1937. The chief destinations were as follows:

	August. Total. 1937.		August. Total. 1938.	
	Tons			
Great Britain	275	4,935	368	4,546
United States	190	3,127	267	2,690
France	120	1,572	96	2,361
Germany	176	1,919	197	1,780
Italy	80	557	20	572
Belgium	52	620	10	1,586
Japan	..	892	92	412
Holland	46	604	48	590
Sweden	10	391	1	622
Norway	..	37	..	51
Australia	41	389	60	729
New Zealand	8	52	5	37
China	..	149	37	155
Canada	7	162	18	187
British India	..	71	..	133
Denmark	15	133	23	215
Finland	7	139	48	190
Poland	..	67	14	121
Greece	..	57	13	87
Egypt	10	51	2	145
South Africa	..	25	..	55
Dutch Indies	..	30	13	43
Argentina	..	20	10	163
Brazil	11	78	14	144

The export figures are made up of the following qualities:—

	Tons			
	Hashab.	Bleached.	Talha.	Totals.
August, 1937	933	26	104	1,063
August, 1938	1,192	23	163	1,378
Jan.-Aug., 1937	14,048	124	1,971	16,143
Jan.-Aug., 1938	16,499	109	1,280	17,888

—*Continued on page 50*

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 7

IMPORTANT "FIRSTS"

Many of the crude drugs in common use today were commercially introduced to America by the House of Hopkins. Such familiar botanicals as Papain, Henna and Red Squill are only a few of these important "firsts." More vital even than this has been our 48-year record of being first to introduce such handling, testing and storing practices and equipment as maintain maximum active strength in all drugs and specialties bearing our label. Our pioneering, from the start, in maintaining an Analytical Department has made selling-by-assay an accepted fact since then. Over and above all this, you will find it an "Important First" to contact us for any of your crude drug requirements as a means of enjoying every possible advantage in quality, price, delivery and dependability.

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(Formerly styled "Where You Can Sell")

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Six-hundred-twenty-first Recapitulative Instalment

(Parenthetical references are to the numbers of patents in the United States or other countries, as designated)

4-Aminoamylbenzene

Chemical

Process material—
In organic syntheses

Dye

Starting point (Brit. 449010 and 430160) in making—
Green dyes, fast to washing and milling, and not needing chroming, by condensing with—
1-Bromoanthraquinone
1-Chloroanthraquinone
1:4-Dibromoanthraquinone
1:4-Dichloroanthraquinone
Leuco-1-hydroxyanthraquinone
Leuco-quinazarin
Leuco-1:4:5-trioyanthraquinone
Mixture of 1-hydroxyanthraquinone and leuco-1-hydroxyanthraquinone
Mixture of quinazarin and leuco-quinazarin

Ammonium Orthocyanobenzamide

Paint and Varnish

Starting point (Brit. 457786 and 410814) in making—
Metal phthalocyanin pigments with aminosulphonic acids and metal salts

Betachlorovinylmethyl Ketone

Chemical

Starting point (Brit. 466890) in making—
Betaketoacetals with alcohols and alkalies
Betaketoacetals with alcohols and tertiary amines

Bisacetoacetorthotolidide

Dye

Intermediate in making—
Synthetic dyestuffs (said to yield azo dyes which do not form salts with weak caustic alkalies. This property is said to be an advantage over other intermediates with reactive methylene groups)

Cellulose Acetobutyrate

(Acetobutyrate de Cellulose, Cellulosacetobutyrat, Essigundbuttersaurescelluloseester, Zelluloseazetobutyrat)

Cellulose Products

As a cellulose derivative having high stability to light and heat

Ceramic

Suggested ingredient of—
Coating compositions, containing also plasticizers, solvents, and other ingredients, used for the decoration and protection of ceramic products

Electrical

Suggested ingredient of—
Coating compositions containing also plasticizers, solvents, and other ingredients

Glass

Suggested ingredient of—
Compositions, containing also plasticizers, solvents, and other ingredients, used as coatings for the decoration and protection of glassware

Glue and Adhesives

Suggested ingredient of—
Adhesive compositions containing also plasticizers, solvents, and other ingredients

Leather

Suggested ingredient of—
Compositions, containing also plasticizers, solvents, and other ingredients, used as coatings for the decoration and protection of leather goods

Metal Fabricating

Suggested ingredient of—
Coating compositions, containing also plasticizers, solvents, and other ingredients, used for the decoration and protection of metallic articles

Miscellaneous

Suggested ingredient of—
Coating compositions, containing also plasticizers, solvents, and other ingredients, used for the decoration and protection of various compositions of matter

Paint and Varnish

Suggested ingredient of—
Paints, varnishes, dopes, enamels, and lacquers, along with plasticizers, solvents, resins, and other ingredients

Paper

Suggested ingredient of—
Compositions, containing also plasticizers, solvents, and other ingredients, used as coatings for the decoration and protection of paper and pulp articles

Plastics

Suggested ingredient of—
Compositions, containing also plasticizers, solvents, and other ingredients

Rubber

Suggested ingredient of—
Coating compositions, containing also plasticizers, solvents, and other ingredients, used for the decoration and protection of rubber articles

Stone

Suggested ingredient of—
Coating compositions, containing also plasticizers, solvents, and other ingredients, used for the decoration and protection of artificial and natural stone

Textile

Suggested ingredient of—
Compositions, containing also plasticizers, solvents, and other ingredients, used in the manufacture of coated fabrics

Wood

Suggested ingredient of—
Coating compositions, containing also plasticizers, solvents, and other ingredients, used for the decoration and protection of woodwork

4-Chlor-1:2:3:6-tetrahydrophthalate

Cosmetic

Fixative (U.S. 2015239) in—
Perfumes

Difluorostearic Acid Methyltauride

Insecticide and Fungicide

Fungicide (Brit. 458179)
Insecticide (Brit. 458179)

Di-isobutyl Ketone

Cellulose Products

Solvent for—
Nitrocellulose (xylene dilution ratio: 1:5)
Stable, slow-evaporating solvent

Ceramic

Solvent in—
Compositions, containing nitrocellulose, resins, and gums, used for coating and decorating ceramic ware

Chemical

Solvent for—
Gums
Nitrocellulose (xylene dilution ratio: 1:5)
Oils
Resins
Stable, slow-evaporating solvent

Electrical

Solvent for—
Nitrocellulose, gums, resins, used in insulating compositions and in coverings or coating compositions for cable, wire, or electrical machinery and equipment

Fats and Oils

Solvent for—
Oils

Glass

Solvent in—
Compositions, containing nitrocellulose, resins, and gums, used in the manufacture of nonscatterable glass and for coating and decorating glassware

Gums

Solvent for—
Gums

Glue and Adhesives

Solvent in—
Adhesive compositions containing gums and resins

Leather

Solvent in—
Compositions, containing nitrocellulose, resins, and gums, used in the manufacture of artificial leather and as coatings for protecting and decorating leather goods

Metal Fabricating

Solvent in—
Coating compositions, containing nitrocellulose, resins, and gums, used for protecting and decorating of various metallic articles

Miscellaneous

Solvent in—
Coating compositions, containing nitrocellulose, resins and gums, used for decorating and protecting various products
Stable, slow-evaporating solvent

Paint and Varnish

Solvent in making—
Lacquers, paints, varnishes, enamels, and dopes containing nitrocellulose with certain resins and gums

Paper

Solvent in—
Compositions, containing nitrocellulose, resins, and gums, used in the manufacture of coated paper and as coatings for decorating and protecting various articles made from pulp or paper

Photographic

Solvent for—
Nitrocellulose

Plastics

Solvent in making—
Compositions containing nitrocellulose and resins

Resins

Solvent for—
Resins

Rubber

Solvent in—
Coating compositions, containing nitrocellulose, used for decorating or protecting rubber articles

Stone

Solvent in—
Coating compositions, containing nitrocellulose with certain resins and gums, used for protecting and decorating natural and artificial stone

Textile

Solvent in—
Compositions, containing nitrocellulose, resins, and gums, used in the manufacture of coated fabrics

Wood

Solvent in—
Coating compositions, containing nitrocellulose, resins, and gums, used for decorating and protecting wood products

Ethylbenzene

(Ethylbenzol)

Analysis

Solvent in—
Analytical processes involving control and research in science and industry

Chemical

Heat-transfer medium
Intermediate in—
Organic syntheses
Solvent in—
Manufacturing processes

Dye

Intermediate in making—
Synthetic dyestuffs

Electrical

As a dielectric

Miscellaneous

Heat-transfer medium

Mercury Silicofluoride

Mining

Activating agent (U.S. 1972588) for—
Oxidized minerals in flotation processes employing sodium sulphide, sodium ethylxanthate, and a frother

1-Methyl-2-phenyl-3-para-methoxybenzoylindole

Dye

Process material in—
Dye syntheses
Starting point (Brit. 451937) in making—
Reddish-blue silk and wool dyes, claimed to be very fast to light

Parasulphobenzyliso-propylanilin

Dye

Starting point (U.S. 1970607) in making—
Blue to bluish-violet dyestuffs with—
Metahydroxybenzaldehydesulphonic acids
Orthosulphobenzaldehyde-2:4-disulphonic acid
Orthosulphobenzaldehyde-2:5-disulphonic acid
4:4-Tetra-amyldiaminobenzhydrol-2-sulphonic acid
4:4-Tetrabutyldiaminobenzhydrol-2-sulphonic acid
4:4-Tetradecyldiaminobenzhydrol-2-sulphonic acid
4:4-Tetraethyldiaminobenzhydrol-2-sulphonic acid
4:4-Tetraheptyldiaminobenzhydrol-2-sulphonic acid
4:4-Tetrahexyldiaminobenzhydrol-2-sulphonic acid
4:4-Tetramethyldiaminobenzhydrol-2-sulphonic acid
4:4-Tetrapropyldiaminobenzhydrol-2-sulphonic acid

Tetrahydroquinolin

Chemical

Process material in—
Organic syntheses

Dye

Process material in—
Organic syntheses
Starting point (Brit. 448936) in making—
Dyestuffs for tannin-mordanted cotton, with 2-aldehydomethylene-1:3:3-trimethylindole or 5-methoxy-2-aldehydomethylene1:3:3-trimethylindole

Essential Oils, Aromatic Chemicals

Lagging Demand for Peppermint Holds Back Expected Price Improvement—Future Production of Lemons and Oranges Expected to Gain Sharply—Rue Up on Scarcity

The feature of the essential oil and aromatic chemical market last week was the general stability of prices despite the absence of normal consuming demand. Values were steady to firm in most instances and since they were already on the low side, maintenance of quotations was expected to feature the market of the immediate future.

Some interest was shown in the government report that declared orange and lemon fruit production was likely to show sharp gains during the next five years. New groves and ranches are coming into good production and unless there shall be unexpected setbacks on the acreage under cultivation, new high production records are expected. The effect on the output of lemon and orange oils remains to be developed, of course, but the future prospect is not without importance to sellers of citrous oils.

Inventories of most oils on spot were not considered to be excessive. In fact, some disposition to regard them as being conservative when compared with normal consumption of most items was noted. It did not appear that there was much chance of stocks being top-heavy when the end of the year period arrives.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Rue, 45c. per lb.

Reduced

None

Comparative Values

Index numbers compiled from twenty typical essential oils on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
69.4	69.4	69.4	77.8

Market news that may have developed after this report was sent to press will be found on page 4.

Essential Oils

Anise.—The market was very steady on spot and the situation in China did not improve very much last week. Sellers on spot held prices unchanged and the market here was cheaper than that named on oil for direct shipment from China. Demand was conservative.

Bergamot. — Jobbing business made up the bulk of local transactions last week and on the whole buying was still on a hand-to-mouth basis. Prices lacked quotable change, being as steady on spot as in the primary market.

Birch Tar.—Moderate movement into consuming channels was noted and the call was more than sufficient to give support to prevailing quotations on the spot. Reserve stocks were not exceptional in size. Replacement prices were firm.

Cajeput.—Request was of the ordinary sort common to the spot market for some time past. The tendency of buyers was to purchase goods about as needed. Pricewise, the market was very steady.

Camphor.—In the absence of normal replacement offerings from Japan, the market was strong on spot and virtually nominal so far as quotations were concerned. Stocks were very small.

Caraway.—It was a market of moderate demand but very steady prices throughout the past week. Inquiries were about average in number and resulting sales kept volume down to conservative limits.

Cassia.—The market here was exceptionally steady. Not that there was a great deal of demand; most of it was for limited quantities; but the situation in the primary market continued on the firm side with offerings infrequent at the best.

Cedarleaf.—A fair but not expansive sale of jobbing quantities was sufficient to give prices a steady undertone and to make the market not especially competitive so far as spot business went. Stocks were ample for current requirements of buyers.

Citronella.—Most cables from Ceylon named prices at which local consumers were not disposed to place orders. In the meanwhile, Java oil was available at comparatively attractive limits. Locally, a somewhat firmer undertone prevailed on prices and some sellers have advanced their limits.

Clove.—Distillers indicated that business was none too active; in fact, trade was slow most of the time. Notwithstanding this situation, quotations were held unchanged so far as the producers were concerned and any shading of the market would take place in second-hands.

Croton.—Business was distinctly routine in character. Orders were occasional and usually of the small size variety. However, the market kept steady undertones and firm prices in keeping with the prevailing cost to replace spot stocks.

Dill.—Demand has dwindled considerably, tapering off with the recession in picklers activities and in accordance with the usual drift of demand toward the end of the year. Prices held.

Eucalyptus. — Fairish demand was noted but it came from the smaller buyers for consumption. Pricewise, the market was on the steady side with values being mainly low and favorable for broader buying in general.

Geranium.—Trade was not very consequential last week. Orders were moderate in number and usually involved conservative quantities of all varieties of the material. Quotations were unchanged and generally on the low side.

Grapefruit.—Although the supply was ample, demand was narrow and the market contained a deal of the element of competition. However, open quotations lacked further quoteable change.

Ginger.—More stability has come to the raw material market and it was noted that the recent downward trend in oil prices has ceased. Jobbing business was fairly good and undertones were therefore steady.

Lemon.—Reports concerning lemon culture in this country suggest that an increase of 25 percent during the next five years may take place. Latest figures show that from an average production of 4,900,000 boxes in the 1919-20 to 1923-24 period, output rose to an average of 8,022,000 boxes from the crops of 1932-33 to 1936-37. An average annual production during the next five years may reach "at least 10,000,000 boxes. The eventual effect on the lemon oil production remains to be developed. In the meantime, all oil markets were on the firm side last week.

Lime.—Mexican oil continued to be pushed actively on spot and a fair sale of distilled material was noted on the basis of the recently reduced quotations. West India distilled oil has suffered considerably from this competition and the market last week continued easy to weak. Expressed oil was generally firm.

Mandarin.—The market was generally steady. All qualities were held at unchanged prices notwithstanding the absence of much interest on the part of buyers for consumption. Stocks were of fair size.

Orange.—The outlook is that because of the increasing culture of oranges within the next five years, the record production of 74,000,000 boxes last season may be exceeded—barring tree damage and the like. Large plantings between 1920 and 1930 are now coming into fairly heavy production. Bearing orange trees are now double the number in groves in 1920. The effect on oil production remains to be developed. The situation may be serious since world production of oil is constantly on the increase. Prices for domestic oil are at record low levels now. Demand last week was routine to ordinary and the market was easy.

Peppermint.—The market continued

Current prices on coaltar products are given in the alphabetical list of prices beginning on page 7

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to be slow. No pressing requirements reached the spot last week. Transactions were mainly of jobbing size and failed to have effect on local prices. Country quotations were also on the firm side. Apparently, the latest strength caused by the smaller crop this year will not become active until such time as demand shall broaden substantially.

Petitgrain.—A fair amount of selling took place last week. While individual orders were not usually large, they were reasonably numerous and gave a firm undertone to prevailing prices.

F. B. PEPPERMINT OILS . . . . . .

THREE factors are essential to the production of high quality Peppermint Oils:

1. Proper selection of top grade natural oils. (Our splendid connections in the producing regions make such selection possible.)
2. Careful rectification under precise conditions of control. (This is assured by the fine facilities, skill and experience at our command.)
3. Honesty and integrity of the manufacturer. (That we possess these qualifications is reflected in our reputation and record for the past 67 years.)

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Aromatic Chemicals

Anethol. — Sturdy undertones prevailed in the market for this article throughout the past week. Demand has not gained much since the situation developed in raw material, but some signs of improvement were noted last week and hence prices were fully firm.

Bromstyrol.—Steady to light demand was noted with prices holding very steady and competition being negligible throughout the past week.

Cinnamic Alcohol.—More selling in small lots than had been the rule lately was reported last week and most suppliers declared that business done showed that prices were in very steady position on spot.

Citronellal.—Inquiry was fair but not expansive. Sales were up to recent volume and tended to create a market of very steady undertones and prices. Stocks were ample.

Ethyl Cinnamate. — Business was rather quiet. Buyers' requirements failed to build a large volume of transactions. However, in the absence of unsettling competition, quotations continued to be reasonably steady.

Ethyl Vanillin.—The market was fairly competitive but so far as open quotations were concerned developments were lacking. Demand was reasonably good in most quarters.

Linalool.—Trade was quite steady last week and while large lots did not move frequently, there was rather more of that type of interest than had been shown recently. The market was steady as to price.

Linalyl Acetate. — Jobbing business was very fair and the market prices and undertones were steady to firm throughout the past week. Ample reserves protected the future requirements of buyers.

Menthyl Salicylate. — Leading suppliers look forward to a better business when the turn of the year may encourage leading buyers to protect their Spring requirements. The market was very steady last week but it was also not especially active.

Methylheptine Carbonate. — Stability of price was the feature. Movement was routine and not larger than it had been for some time past. A very steady situation prevailed in all aspects of the market.

Rue.—Stocks were on the low side and the market was firm at the higher level of $3.50 to $3.75 per pound. While demand was not very great, even the moderate transactions of last week easily forced the market to higher price levels.

Sage.—Undertones held very steady but further rise in prices failed to develop. Undertones were very firm and the tendency was to move local quotations in keeping with the developments of values in the foreign markets.

Wormseed.—Fundamentally, the market was one favorable for buyers, but several substantial suppliers of the article indicated that they were not pressing customers to buy at present for the reason that conditions at the moment suggest further reductions in primary market quotations. Trade was very narrow last week.

Soda Water Flavors Makers Elect Chapman President

The National Manufacturers of Soda Water Flavors, at its thirty-third annual meeting, held recently in this city, elected the following officers:—President, G. M. Chapman, president of the Liquid Carbonic Corporation, Chicago; vice-president, Clarke E. Davis, of the Virginia Dare Extract Company, Brooklyn; treasurer, W. H. Gast, if Theonett & Co., Chicago; secretary, John S. Hall, First National Bank Building, Chicago.

Merck Patent Licensee Of Thiazole Compounds

Merck & Co., pharmaceutical manufacturer, Rahway, N. J., is the licensee under the R. R. Williams U. S. patent No. 2,134,015 and the Edwin R. Buchman U. S. patent No. 2,133,969 issued October 25, to the Research Corporation this city. The patents cover thiazole compounds. These compounds are used in the synthesis of vitamin B_1.

The Williams patent covers 4-methyl-5-hydroxy-ethylthiazole and its salts. The Buchman patent covers a method of making thiazole compounds which comprises condensing thioformamide with a compound having the formula $CH_3COCHXR$, in which X represents a halogen of the group consisting of bromine, chlorine, and iodine and R is one of the groups CH_2CH_2OH, CH_2COOH, CH_2CHO and $CH_2COOC_2H_5$.

Botanical Drugs

Gums

—*Continued from page 47*

Benzoin.—Sumatra gum moved fairly well, though most of the lots sold into consumption were not more than moderate in size. Prices remained very firm, reflecting the absence of normal reserves; too many lots arriving here have been denied admission because of their failing to conform to official quality standards.

Camphor.—Prices were steady. Consumption of domestic and foreign synthetic material ran to excellent poundage, creating firm undertones in the market and giving substantial support to prevailing values. Natural camphor was steady at home and abroad. Demand was along seasonal lines.

Herbs and Leaves

Buchu.—Competition resulted in a moderate amount of business being taken at 34c. to 35c. per pound, according to quantity, but in view of the cost of replacement, it was not expected that the competition would be extended much further in the price scheme on spot.

Laurel.—Quotations were a small fraction higher at 4¼c. to 4½c. per pound, firm and well maintained, and backed by a very fair amount of new business.

Savory.—Seasonal demand was very good and the market rose in response to the gain in total volume of sales. Quotations became 7¾c. to 8c. per pound and competition was negligible.

Stramonium.—Further lots landing here have been rejected and hence the local reserves have not been increased much if any. Prices were firmer at 13½c. to 14c. per pound and sellers were not disposed to book a great deal of business thereat.

Wormwood.—The advance held, but consuming interest was not very great and the market was a quiet affair throughout the past week. Stocks were said to be ample for all probable needs.

Miscellaneous

Colocynth Pulp.—The spot market was reported to be very steady. A firm bottom for prices prevailed on the spot and sellers seemed able to hold values while awaiting a revival of a broader consuming interest.

Ergot.—Demand was very narrow. However, prices were not lowered further on the spot; they held so far as open quotations were concerned at least. However, there was no weakness in the market basically either here or abroad.

Grains of Paradise.—With spot stocks practically wiped out, the market was 50c. to 65c. per pound, and it was a definitely nominal quotation. Sellers continued to report difficulty in placing orders abroad with any assurance that shipments would be made.

Irish Moss.—Better business in high quality bleached moss was reported and the market was firmer throughout the past week. The improvement in sales was a development natural to the market at this season of the year. Good business was expected to continue.

Papain.—Powder was still offered at $1.15 to $1.20 per pound, but conditions in the primary market were apparently such as to make not unlikely a reversal of the recent trend that competition had given to spot quotations. For the time being, however, there was no avoiding the fact that the spot market was unduly competitive.

Roots

Aletris.—Country and spot prices held very firm and local dealers expected that firmness would continue to characterize spot conditions for the current consuming season. Reserves in first hands were none too large and were obtanied at a fairly high first cost in the country.

Belladonna.—The strength reported some time back still governed prices and market opinion on spot. While demand was not large, it was at least steady for moderate sized quantities. Since replacement quotations were firm abroad, the entire situation on spot continued to work in that direction.

Golden Seal.—While unsold stocks in first hands were conservative in size, absence of much demand for some time past kept values favorable fo buyers with firm orders in hand, and throughout the past week it seemed to be a buyers' market. However, it would not require much broadening of demand to effect rejuvenation of spot values.

Rhubarb.—Prices continued to hold at the recent advances, but not many local factors had faith in the position being maintained. Release of goods believed certainly to exist in China was believed to be solely a matter of time, and hence downward reaction of prices would not be surprising.

Senega.—The market remained strong in undertone, but the advances of the past few weeks were not extended. It appeared probable that unsold stocks in the primary market were concentrated in a few quarters able to hold for full prices over a considerable period of time.

Seeds

Anise.—Star seed reacted downward a small fraction, standing at 16¾c. to 17¼c. per pound. However, the situation was still one of substantial strength, and it was also one likely to continue for some time to come. Spanish seed was shaded to 16c. to 16½c. per pound under competition.

Canary.—A narrow and very slow market brought quotations down fractionally to the following basis:—Morocco, 4.30c. to 4.60c. per pound; Turkish, 4⅛c. to 4⅝c.; Argentine, 4c. to 4.25c.

Celery.—French seed held steady in price, but the product of India was shaded to 11½c. to 12c. per pound. Trade was on the quiet side and values were backed by ample reserves.

Coriander.—Morocco seed prices yielded under competitive pressure, and the market was down to 4.30c. to 4.60c. per pound at the close of the past week. Bleached seed was comparatively steady at 7¾c. to 8c.

Mustard.—Prices were easier on some varieties of this article, including a lower level of values on Danish yellow at 8c. to 8½c. per pound and Dutch yellow, 8c. to 8½c. Brown seed, foreign and domestic alike, were steady. Demand was not larger than fair.

Spices

Cassia. — Broken Batavia cassia was shaded to 9¼c. to 9½c. per pound; buds were off to 16½c. to 17c.; selected China rolls, were higher at 9¼c. to 9½c.; extra select broken rolls were down to 8¾c. to 9c. per pound. The situation was possible a trifle less firm than it was, but there has not been any definite improvement in the general situation surrounding replacements of China material.

Clove. — Madagascar spice remained steady. Zanzibar was returned to a firm price at 17¾c. to 18c., which was a local quotation based on the controlled price in the primary market. Few were disposed to pay the premium asked over the price for Madagascar goods.

Ginger. — The group was generally steady in a narrow market. Fair stocks were in hand, being sufficient to care for any reasonable expansion in demand from grinders or manufacturers.

Paprika. — Extra fancy Hungarian prices were jumped to the basis of 42c. to 43c. per pound and offerings were on the small side. No change in the medium grade was noted and the market was very firm. The same situation governed Spanish pepper on the spot.

Pepper.—Weakness hit the black pepper market, and Lampong on spot was as low as 4¾c. to 5c. per pound. Black Alleppy was down to 7½c. to 8c. Prices on white and red peppers held firm but unchanged. The Freight Conference has officially announced the following freight rates on black pepper to go into effect January 1, 1939:— $20 per 1,500 kilos from Batavia and $21.70 per 1,500 kilos from Telok Betong. The present rates are $15 per 1,500 kilos from Batavia and $16.45 per 1,500 kilos from Telok Betong. The new rate from Telok Betong is an increase of $5.25 per 1,500 kilos, or approximately 16 points, in contrast to the previously announced increase of approximately 32 points.

Trading in black pepper futures on the New York Produce Exchange from November 19 to November 25, inclusive, comprised 248 contracts, a total of 8,332,800 pounds. Following is a price record for the week:—

	Cents per pound		
	High.	Low.	Close.
January	4.71	4.50	4.68@4.70
March	4.80	4.60	4.78@4.80
May	4.90	4.70	4.88@4.90
July	5.00	4.80	4.97@5.00
September	5.08	4.90	5.08 sale
October	5.12	4.95	5.11@5.15
December	4.66	4.45	4.64@4.68

Exterminator Manufacturing Corporation, Baltimore, has been adjudged bankrupt. Irving B. Granberg has been appointer receiver.

Petroleum Solvents, Lubricants, Fuels

Colder Weather Livens Demands for Heavy Oils—Automobile Industry's Purchases of Solvents Is Large—Daily Average Crude Oil Flow Rises to 3,255,800 Barrels

Colder weather throughout the major portion of the country altered the appearance of the refined petroleum market. Fuels and burning oils had their best week of the season to date and prices for these oils, which had been leaning toward the weak side, were stiffened.

Activity in the petroleum products used as industrial raw materials was featured by the sustained purchasing of solvents by the automobile tire manufacturers and the producers of automobile finishes. Prices for solvents have been holding in a fairly steady position and the market has not been changed since the reductions in the New York and New Jersey markets a few weeks back. The colder weather was responsible for additional purchasing interest among the bottlers of white mineral oil. Petrolatums were moving nicely in l.c.l. quantities.

The gasoline situation at the Eastern refinery points was still soft. The crude oil market in the Southwest is still unsettled.

The daily average production of crude oil in United States for the week ended November 19 was 3,255,800 barrels, an increase of 12,550 barrels over the preceding week, according to the estimate of the American Petroleum Institute. The average for four weeks ended November 19 was 3,341,300 barrels a day, and the average at this time a year ago was 3,573,850 barrels. Crude runs to stills were reported to the A.P.I. by companies controlling 85.6 percent of the nation's refinery capacity as having averaged 2,900,000 barrels for 80.4 percent of refinery operation. An additional 330,000 barrels were estimated to have been sent to stills unreported for a total estimated daily average run of 3,230,000 barrels, against 3,180,000 barrels in the preceding week and a November, 1937, daily average of 3,321,000 barrels.

Solvents and Diluents

The makers of finishes for the automobile industry and the tire manufacturers continued as the most liberal buyers of petroleum naphthas and solvents. The movement of cleaning naphthas was very spotty. The price situation has not been changed since the recent declines in the New York and New Jersey markets a few weeks back. Reports from the Midcontinent and the middle Western area were a little more encouraging.

Aromatic Naphthas.—The buying support of the automobile manufacturers has been responsible for a fairly active market for these products. The prices have not undergone any recent change.

Petroleum Thinners.—Local demands were quite spotty. The out-of-town reports, however, indicated an improved rate of purchasing. Pricewise the market seemed to be in a steady position at the levels that have been in force for the past several weeks.

Rubber Solvents.—Tire manufacturers continued to give the market excellent support. The tankcar movement into Akron and other tire consuming centers has been quite good. Prices were steady and unchanged.

Stoddard Solvent.—The calls for deliveries have been very spotty of late and the price side of the market was steady and unchanged.

V. M. & P. Naphthas.—Manufacturing users were buying in routine fashion last week. The tankcar movement in the middle West was understood to have been fairly good. Prices have not been changed.

Markets at Other Centers

Chicago, Nov. 23.—A fairly good market situation is reported in the petroleum solvent and diluent market at this time. Business is being placed in fairly good volume by various consuming industries. The paint and allied lines have been ordering consistently, although most of the current purchases reflect buyers' wishes to operate cautiously as regards inventories. Ruling prices in tankcar lots except as noted are (Tankcar prices f.o.b. Group 3, Oklahoma):—Blending naphtha, 4c. to 4½c. per gallon; cleaners' naphtha, 6⅜c. to 6½c., tankcar; 17.5c., tankwagon; petroleum spirits, 5⅜c. to 5½c., tankcar; 16.2c., tankwagon; lacquer diluent, 7⅜c. to 7½c.; rubber solvent, 6⅜c. to 6½c.; Stoddard solvent, 5⅞c. to 6c., tankcar; 17.9c., tankwagon; V.M.&P. naphtha, 6⅜c. to 6½c., tankcar; 16.5c., tankwagon.

Tulsa, Nov. 23.—Very little change has occurred in the solvents' market with the industrial demand for rubber solvents picking up. Quotations for the naphthas were unchanged.

Lighter Fractions

Petroleum hydrocarbons in the group of light gaseous solvents remained in the routine grooves they have occupied for some time back. The prices for butanes, hexanes and other light fractions have been held at the schedules that have been in force for some months.

Butanes.—The schedule continued at the basis of 3¾c per gallon for tankcar quantities of the 16-34 degree product, f.o.b. Group 3. The purchasing movement was routine.

Heptanes. — Conditions surrounding the market were unchanged from the preceding week. The movement of supplies has been routine.

Octanes.—This mixture held a steady position and the price for tankcar quantities at the Midcontinent was the long-standing figure of 10½c. per gallon, f.o.b. Group 3.

Petrolatums and Waxes

White Mineral Oils.—Although the holiday handicapped trading there was a fairly good movement of oil into consumption. The cooler weather throughout the Eastern section of the country should liven business further. Prices continued in an unchanged position.

Paraffin Waxes.—Local business was fair. Export inquiries were fairly heavy albeit there was not a great deal of business placed for foreign shipment. The prices for scale wax continued at 2.30c. per pound for 122-124 American melting point and 2.35c. per pound for the 124-126 grade. Fully refined waxes were unchanged in price and held at the schedules established early in the Summer.

CHICAGO, Nov. 23.—The refined wax market is showing little change. It is able to hold its own on a fairly good volume of business. Stocks have been causing concern in some circles, but for the most part sellers are able to hold their own as regards price, and buyers have been willing to place orders covering a fairly good aggregate volume of material. Ruling prices in bulk or bag except as noted are:—122-124, bags, 4c. to 4.05c. per pound; 125-127, 4.1c. to 4.15c.; 127-129, 4.45c. to 4.5c.; 130-132,, 4.75c. to 4.8c.; 132-134, 5c. to 5.05c.

TULSA, Nov. 23.—Paraffin is one of the strong spots of the refinery market. Large demand from both export and domestic sources contribute to the strength. The 124-26 grade is 2¼c. to 2½c. per pound.

Petrolatum.—There was a fairly good l.c.l. business reported in spots but the carlot buyers were not very active last week. Aggregate sales for November to date, however, were said to have been satisfactory. There were no new features on the price side of the market.

Fuels and Lubricants

The shift to colder temperatures altered the appearance of the market in the latter part of last week. Jobbing buyers and retail consumers of heating oils came into the market heavily and the fuel oil prices at the Eastern refinery points were stiffened as a result of the added business. The gasoline market was still soft.

The daily average supply of domestic crude oil estimated by the Bureau of Mines to meet the market demand in December is 3,305,800 barrels or 2.5 percent less than the estimate for November and 4 percent lower than the actual demand for domestic crude in December, 1937.

Market Conditions

Gasoline.—The local tankcar market held an unchanged position last week. The tone of the market was slightly toward the weak side with 65 octane material offered at 6c. per gallon, basis refinery and a "going" price of 5¾c. per gallon. Stocks of gasoline November 19 were 67,624,000 barrels against 67,551.000 barrels in the preceding week and 69,678,000 barrels at this time a year ago, according to the latest A.P.I. statistics. The Bureau of Mines estimate of motor fuel demand for December is 40,100.000 barrels or approximately 2 percent higher than the actual needs in December, last year. The estimate of motor fuel exports, reflecting forecasts of exporters, has been lowered from 3.800,000 barrels in November to 3,300,000 barrels in December.

Kerosene.—The colder weather should give the market much more snap, but the gallonage moved in the fore part of the week was not very heavy. The price situation remained at 4¾c. per gallon for tankcar quantities of 41-43 water white material, basis refinery.

Fuel & Gas Oils.—The Eastern bulk market was a little firmer last week and the cold snap on Thursday was followed on Friday by a very heavy demand from the jobbing interest. The stocks of residual fuel oils November 19 were 120.085,000 barrels against 120,491.000 barrels in the preceding week and 92,-843,000 barrels at this time a year ago. according to the A.P.I. estimates. Diesel oil was in mild request and most of the deliveries of bunker oil were applied against contracts. Prices for these latter oils were steady.

Lubricating Oils.—The Pennsylvania oil market was not very active during the week. The neutrals continued to attract most of the buying interest and these oils were steady in price. The bright stock situation has not improved and there were still some reports of shaded price offerings at the Pennsylvania refineries.

Markets at Other Centers

Tulsa, Nov. 23.—The advent of lower temperatures throughout the middle west this week has somewhat changed the character of trading in the refined oil markets of the Midcontinent fields. A large demand for distillates and fuel oil combined with an increasing demand for natural gasoline to blend with the lowest grade of U. S. Motor have combined to strengthen all of these products.

While most of the quotations were unchanged, it was apparent that the strength in distillates would shortly be reflected in a general increase. Some plants toward the latter part of the week raised their quotations ⅛c. per gallon on some grades. This strength was also reflected in kerosene which became firmer as the week progressed.

For the first time this year there was such an encouraging pick up in demand for heavy oils that a better market was assured for these heavy fuels. While most of this demand was found in distillates or range oils for domestic consumption it was apparent that industrial demand was also broadening. Prompt shipments were being requested.

While production of crude was cut back in Texas, there is still softness in the crude oil markets. Particularly is this true of the newer areas of Michigan and Illinois where a substantial quantity of crude oil above that being marketed still exists.

In natural gasolines quotations in Texas were advanced from ⅛c. to ¼c. per gallon lowering the differential between these prices and those of the Oklahoma market.

Although considerable unsettlement exists in the crude oil markets, the refined oil markets as a whole appear to be working into a better situation and steadiness to strength are found in most products with the exception of the high octane gasolines. The relatively low quotations for natural gasoline is causing jobbers to buy third grade motor as low as 53-56 octane and blend it with naturals which can be purchased from ¼c. to ¾c. per gallon lower. Following are the approximate quotations for the various refined products in the Mid-continent markets based upon Group 3 quotations:—

GASOLINE.—Strength in third grade is noticeable with weakness in the higher octane. The ruling quotations in the low octane were 3¾c. to 4c. per gallon with the 63-66 octane grade at 4c. to 4¼c. per gallon. The 67-69 octane grade is generally 4⅜c. to 4⅝c. per gallon with the regular 68-70 at 4½c. to 5c. per gallon. Some concessions are available from these prices in several districts.

KEROSENE.—Although prices were unchanged there is a strong tone in all grades with the 41-43 grade at 4c. to 4¼c. per gallon and the 42-44 at 4⅛c. to 4⅜c. in the spot resale market. Contract prices are from ⅛c. to ¼c. higher.

—Continued on page 54

Petroleum Production—Motor Fuel Stocks

	Barrels	
	1938 Jan. 1-Nov. 26	1937 Jan. 1-Nov. 26
Commercial crude oil production	1,090,350,000	1,147,883,000
	Week ended Nov. 26, 1938	Week ended Nov. 26, 1937
Daily average production	3,250,000	3,561,700
	Week ended Nov. 19, 1938	Week ended Nov. 15, 1938
Estimated motor fuel stock total	67,624,000	67,551,000
Estimated finished motor fuel stock at refineries	37,553,000	37,267,000

Outputs and Quotas

A comparison of Bureau of Mines calculations for November productions, State allowable quotas where they exist and the American Petroleum Institute's estimate for crude production for the week ended November 19, follows:—

	*B. of M. Dept. of Int. calculations.	State allowable.	Estimated output.
Oklahoma	515,000	428,000	447,900
Kansas	164,300	164,300	154,150
Texas	1,371,000	†1,736,827	1,263,300
Louisiana	256,300	255,500	757,950
Arkansas	52,300	52,000	50,750
Eastern	162,400	.....	179,650
Michigan	50,300	.....	52,050
Wyoming	74,700	.....	55,650
Montana	13,300	.....	13,850
Colorado	4,000	.....	3,800
New Mexico	111,000	108,400	108,150
California	616,700	‡615,000	668,600
Totals	3,391,300	.....	3.255,800

* These are Bureau of Mines' calculations of the requirements of domestic crude oil based upon certain premises outlined in its detailed forecast for the month of November. As requirements may be supplied either from stocks, or from new production, contemplated withdrawals from crude oil inventories must be deducted from the Bureau's estimated requirements to determine the amount of new crude to be produced.

† Base allowable effective November 18. Saturday and Sunday shutdowns effective throughout November. Calculated net basic 7-day allowable for week ended Saturday morning, November 19, approximately 1,232,900 barrels daily.

‡ Recommendation of Central Committee of California Oil Producers.

The State of the Petroleum Market

There was no change in the price of crude oil last week. The gasoline market at leading refinery centers was also without a quoted change.

	Nov. 25	Nov. 18	Last Year
Crude petroleum prices at well (average for ten fields) per barrel	$1.11	$1.11	$1.337
Gasoline prices at refineries (at four refining centers) per gallon	.0484375	.0484375	.05375

Current prices on petroleum and its products are given in the alphabetical list of prices beginning on page 7

SHERWOOD'S PETROLATUMS
GUARANTEED QUALITY — ALL GRADES
SHERWOOD PETROLEUM COMPANY, INC.
REFINERY—WARREN, PA. MAIN OFFICE—ENGLEWOOD, N.J.

British Tariff Pact Furthers Cresol Imports

—Continued from page 30

Concessions on U. K. Imports Into the United States

Par., act of 1930.		Existing rate.	New rate.	Ad valorem equivalent of rate under agreement (%).
80	Leather soap, including saddle soap, n.s.p.f.	15%	10%	‡11 (est.)
81	Sodium chloride or salt, in bulk	7c. per 100 lbs.	4c. per 100 lbs.	24
82	Sodium hydrosulphite and compounds	35%	35%	35
205 (a)	Plaster rock or gypsum—			
	Ground	$1.40 per long ton	$1.40 long ton	10
	Calcined	$1.40 per long ton	$1.40 long ton	6
207	Clays or earths, n.s.p.f., including common blue and gross-almerode—			
	Unwrought and unmanufactured	$1 long ton	$1 long ton	9
	Wrought or manufactured	$2 long ton	$2 long ton	8
207	Kaolin or china clay	$2.50 long ton	$1.75 long ton	18.9
207	Fuller's earth—			
	Unwrought and unmanufactured	$1.50 long ton	$1 long ton	7
	Wrought or manufactured	$3.25 long ton	$2 long ton	14
207	Fluorspar, containing over 97% calcium fluoride	$5.60 long	$4.20 long ton	24
213	Graphite or plumbago—			
	Crystalline—			
	Lump and chip	30%	15%	15
	Dust	30%	15%	15
	Amorphous	10%	5%	5
214	Ground Cornwall stone	30%	20%	20
218 (a)	Scientific articles and utensils of fused quartz and fused silica	50%	40%	40
218 (b)	Tubes (except gauge glass tubes), rods, canes, and tubing of used quartz and fused silica	40%	30%	30
231	Smalts, frostings, and all ceramic and glass colors, fluxes, glazes, and enamels—ground or pulverized	30%	15%	15
360	Pyrometers and parts	40%	25%	25
360	Moisture testers and parts	40%	25%	25
502	Molasses and sugar sirups, n.s.p.f., which contain soluble non-sugar solids (excluding any foreign substance that may have been added) equal to more than 6 percentum of the total soluble solids—			
	Testing not above 48% total sugars	¼c. per gal.	1/6c. per gal.	16
	Testing above 48% total sugars	275/1000c. per gal. additional for each percent of total sugars	11/60c. per gal. additional for each percent of total sugars. The concession to apply to an annual quota of 1,500,000 gals.; additional imports, if any, dutiable at rate before agreement.	16
505	Salicin	50%	35%	35
781	Mustard seeds, whole	2c. per lb.	1¾c. lb.	44
781	Mustard, ground or prepared in bottles or otherwise	10c. per lb.	7½c. lb.	13
781	Curry and curry powder (ground)	5c. per lb.	2½c. lb.	11
806 (b)	Lime juice, concentrated	70c. per gal. on the quantity of unconcentrated natural fruit juice contained therein as shown by chemical analysis	35c. per gal. on the quantity of unconcentrated natural fruit juice contained therein as shown by chemical analysis	n.a.
1514	Emery wheels, emery files, and other manufactures of emery, corundum garnet or artificial abrasives, n.s.p.f. (except wheels of corundum or silicon carbide)	20%	10%	10
1523	Press cloth of human hair	8c. lb.+40%	4c. lb.+30%	n.a.
1523	Press cloth of camel's hair	40%, not less than 25c. lb.	20%, not less than 15c. lb.	n.a.
1523	Press cloth of animal hair (except camel)	40%	30%	30
1545	Sponges—			
	Yellow or grass	25%	15%	15
	Velvet	25%	15%	15
	Hardhead or reef	15%	7.5%	7.5
1555	Waste, n.s.p.f.	10%	7.5%	7.5

* Import excise tax included in the computation of the ad valorem equivalent and percent reduction of duty.

† In the event that the United States shall cease to impose an internal tax with respect to palm-kernel oil, the provisions under this agreement with respect to the tariff treatment of such oil shall cease to be in effect, but no tariff rate in excess of 1c. per pound shall be imposed on such oil.

‡ Computation includes compensatory taxes on content of soap attributable to materials subject to special processing or import excise taxes.

¶ Import excise tax included in the computation of the ad valorem equivalent and percent reduction of duty.

Commodities Bound on Free List

Par., act of 1930.	
1609	Annatto and all extracts of.
1612	Arrowroot (including crude, starch, flour, and manufactures).
1616	Asbestos, unmanufactured, all chrysotile, crude.
1645	Chalk, crude, not ground, bolted, precipitated, etc.
1647	Chrome ore or chromite.
1651	Coaltar crudes.
1653	Cocoa or cacao beans and shells thereof.
1669	Dried pawpaw juice or crude papain.
1670	Mangrove bark.
1676	Logwood.
1685	Prepared fertilizer mixtures.
1685	Nitrogenous materials, n.s.p.f. (including hoof meal).
1685	Castor-bean pomace.
1686	Dammar.
1686	Dragon's blood.
1686	Myrrh.
1699	Iridium.
1699	Osmium.
1699	Osmiridium.
1699	Palladium.
1699	Rhodium.
1699	Ruthenium.
1710	Asphaltum and bitumen (natural).
1719	Columbium ore or concentrates.
1719	Cornwall stone, unmanufactured.
1722	Derris or tuba root.
1727	Copra.
1727	Palm nuts and palm-nut kernels.
1731	Essential and distilled oils—
	Cinnamon oil.
	Citronella oil.
	Lime oil.
1732	Palm-kernel oil (inedible) for mechanical or manufacturing purposes.*
1759	Sheep dip.
1768	Cloves, unground.
1768	Cinnamon and chips of, unground.
1768	Ginger root, unground, not preserved or candied.
1768	Nutmegs, unground.
1768	Pimento (allspice) unground.
1776	Strontianite or mineral strontium carbonate or celestite or mineral strontium sulphate.
1777	Sulphur in any form.
1782	Locust or carob beans, pods, and seeds.
1801	Witherine, crude, unground.
601 (c) (4) and 630.	Fuel oil, gas oil, all liquid derivatives of crude petroleum, gasoline or other motor fuel, and paraffin and other petroleum wax products; any of the foregoing sold for supplies of vessels.†

* In the event that the United States shall cease to impose an internal tax with respect to palm-kernel oil, the provisions of this agreement with respect to the tariff treatment of such oil shall cease to be in effect, but no tariff rate in excess of 1 cent per pound shall be imposed on such oil.

† Exemption from import tax bound.

Bids Wanted

Alum, Chrome:—1,000 pounds photographic; Procurement division Veterans Administration, Washington; procurement 388, opening December 6.

Aluminum Paste:—500 pounds; Purchasing Agent, Post Office Department, Washington; procurement 1358, opening December 2.

Powder:—10,000 pounds; General Purchasing Officer, Panama Canal, Washington, schedule 3400 ,opening December 12.

Ferrochromium:—10,000 pounds; Bureau of Supplies and Accounts, Navy Yard, Washington; schedule 4988, opening December 6.

Gasoline:—60,000 gallons of aircraft engine fuel; Contracting Officer, Material division, Air Corps, Wright Field, Dayton, Ohio; procurement 386, opening December 6.

35,000 of aircraft engine fuel; Contracting Officer, Material division, Air Corps, Wright Field, Dayton, Ohio; procurement 392, opening December 5.

Lead, White:—4,000 pounds, in oil Commanding Officer, Frankfort Arsenal, Philadelphia, Pa.; procurement 486, opening November 30.

Oil, Fuel:—15,000 gallons; U. S. Engineers Office, Custom House, Philadelphia, Pa.; procurement 172, opening November 30.

100,000 gallons; U. S. Engineers Office, Custom House, Philadelphia, Pa.; procurement 173, opening November 30.

Paint, Powder:—20,000 pounds snow white, fireproof, powder paint; Commanding Officer, Rock Island Arsenal, Ill.; procurement 384, opening December 1.

Remover:—2,000 gallons, General Purchasing Officer, Panama Canal, Washington; schedule 3400, opening December 12.

Thinner:—2,000 gallons; General Purchasing Officer, Panama Canal, Washington; schedule 3400, opening December 12.

Soap, Castile:—3,000 pounds; Quartermaster Supply Officer, Fort Mason, San Francisco, Cal.; procurement 928-157, opening December 1.

Grit:—1,800 pounds; Chief Clerk, U. S. Industrial Reformatory, Chillicothe, Ohio; procurement 310, opening December 2.

Laundry:—2,000 pounds; Chief Clerk, U. S. Industrial Reformatory, Chillicothe, Ohio; procurement 310, opening December 2.

Toilet:—1,800 pounds; Chief Clerk, U. S. Industrial Reformatory, Chillicothe, Ohio; procurement 310, opening December 2.

Sodium Sulphite:—900 five-pound tins; Procurement division, Veterans Administration, Washington; procurement 389, opening December 6.

Contracts Awarded

Alumina Sulphate:—40,000 pounds; awarded to the Activated Alum Corporation, Baltimore, Md., by Edgewood Arsenal, Md., at 1.11c. per pound; procurement 112, opened October 12.

Dimethylaniline:—21,000 pounds; awarded to E. I. du Pont de Nemours & Co., Wilmington, at 26c. per pound; procurement 280, opened October 31.

Strontium Nitrate:—1,575 pounds; awarded to the Hummel Chemical Company, New York, at 9.5c. per pound; procurement 336, opened November 1.

Sulphur Monochloride: — 117,000 pounds; awarded to the Mathieson Alkali Works, New York, by the Edgewood Arsenal, Md., at 2.7c. per pound; procurement 101, opened October 20.

Obituaries

Eugene Y. Burckhalter

Eugene Y. Burckhalter, president of the Southern Chemical Corporation, Mount Vernon, N. Y., was found dead in his car in his garage at the rear of his home in Hastings-on-the-Hudson, N. Y., November 19. He was forty-seven years of age. Mr. Burckhalter organized the Southern Chemical Company, dealer in rosin size, after he left the American Cyanamid & Chemical Corporation about three years ago, where he was sales manager of the paper chemicals department. He became affiliated with the American Cyanamid upon the merger with the Kalbfliesh Corporation in 1931, with which he has been associated. Surviving are his wife and two children.

Dr. Alcan Hirsch

Dr. Alcan Hirsch, head of the Hiresta Laboratory, and the Hirsch Laboratory, both of this city, died November 24 in a hospital in New Rochelle, N. Y., following a heart attack. He was fifty-three years of age.

A native of Corpus Christi, Texas, he was graduated from the University of Texas in 1907, and later received the degrees of Master of Science, Chemical Engineer and Doctor of Philosophy from the University of Wisconsin. From 1900 until 1910 Dr. Hirsch was a research associate in chemical engineering at the Massachusetts Institute of Technology. In 1911 he established a laboratory in New York, and was consultant to several industrial corporations. From 1916 to 1918 he was a consultant to the Japanese government in chemical development. He formed the Rector Chemical Company in 1917, and three years later was one of the founders of the Molybdenum Corporation of America. He was a consultant to the Bayer Company for two years, 1918-1920.

Dr. Hirsch was said to have introduced the pyrophoric alloy industry in this country in 1915 and had received the Carnegie award of the Iron and Steel Institute of Great Britain. He had been chief adviser to the chemical section of the Commissariat of heavy industry of the Soviet Union for several years.

Surviving are his wife, daughter and three adopted daughters.

Samuel P. Nicholas

Samuel P. Nicholas, in charge of sales of common salt in the midwest for the Dow Chemical Company, died in Midland, Mich., November 16. He was forty-two years old.

Mr. Nicholas, a graduate of Michigan State College, joined the Dow sales personnel in 1921, entering the caustic soda division. He was given charge of the development of sales of salt, chiefly to the meat-packing industry, in 1926. He had been in poor health for several months and had undergone two operations. His immediate survivors are his wife and two sons.

Harold B. Scott

Harold B. Scott, president of the Denver Chemical Manufacturing Company, pharmaceutical manufacturer, this city, died unexpectedly from a heart attack in his home in Tarrytown, N. Y., November 22. He was fifty-five years of age.

Born in Syracuse, N. Y., Mr. Scott attended Syracuse University, and subsequently transferred to Yale University, from which he graduated in 1907. Becoming affiliated with the Denver Chemical organization about 1913, he was president, general manager and a member of the directorate at the time of his death. He was a director of the Syracuse Supply Company, and was a member of the American Export Association. His wife and three children survive.

Jonathan Bartley, an authority on the graphite and crucible industry, died November 21 in Bloomfield, N. J., following an illness of six months. At the time of his retirement from active business about ten years ago, Mr. Bartley was vice-president of the Asbury Graphite Mills. Surviving is his daughter.

Elmer L. Eckhouse, president of the Kemeco Manufacturing Company, Irvington, N. J., died of a heart attack in his home in Newark. He was fifty-seven years of age. Surviving are his wife, one son and a daughter.

William F. Gates, who retired as vice-president of the Pure Oil Pipe Line Company just previous to its consolidation with Sinclair interest in 1932, died November 24 in Independence, Kans. He was seventy-one years of age. Surviving are his wife and a sister.

Dr. Edwin H. Hall, professor emeritus of physics at Harvard University, died November 20. While doing graduate work at Johns Hopkins University, Dr. Hall noticed a peculiar effect on magnetic action which later became known to physicists as "Hall effect." He joined the Harvard faculty in 1881.

John G. Isham, jr., salesman for the National Lead Company for forty years, died at his home in Cincinnati, O., November 19, following a heart attack. For years he was chairman of the membership committee of the Cincinnati Paint, Varnish and Lacquer Association. He was sixty-five years of age. He is survived by his mother, a brother and a sister.

Charles C. Neimeyer, a chemist for the Standard Oil Company of California, died in El Segrundo, Calif., November 16 as a result of burns suffered while making oil experiments. He was thirty-six years of age.

Norman S. Reppert, vice-president in charge of sales for Luden's, Inc., confectionary and cough drop manufacturer, Reading, Pa., died in that city November 23. He was fifty-four years of age. Mr. Reppert had been the first president of the Purchasing Agents Association in the Reading district.

Dr. Caroline Whitney, wife of Dr. George Barsky, of Barsky & Strauss, died of pulmonary embolism in a hospital in this city, November 20. She was thirty-seven years old. Surviving, besides her husband, are her mother and four brothers and a sister.

Sam A. Williams, secretary of the Alabama State Pharmaceutical Board for thirty-five years, died November 20, following a heart attack in his drug store in Troy, Ala. He was sixty-six years of age. Surviving are his wife, a brother and three sisters.

Fertilizer Materials

Dullness Continues—Feeding Interest in Organics Sends Prices Upward — December Sulphate Prices Become Effective Thursday—Potash Materials Are Very Quiet

The agricultural chemicals market passed through another very dull period last week. Except for a welcome spurt of buying interest in packing house by-products by the stock and poultry feeders, there was very little activity in the market. Outlook, as expressed by some of the local operators returning from the Southern convention in Atlanta, was rather blue.

Feeders' purchases of organics shot prices upward, particularly in the Chicago markets and the spot offerings were light.

Sulphate of ammonia prices will advance to the December levels on Thursday. The calls for deliveries have moderated in recent weeks and the production has been increasing with the result that the spot position of the market is more comfortably supplied than it was earlier in the season.

The potash supplies did not have much to report during the week. There has been no new purchasing and the only activity in the market is in the routine deliveries against purchases made earlier in the season.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Blood, dom., Chicago, 15c. per unit-ton.
New York, 10c. per unit-ton.
Tankage, dom., Chicago, feed grade, 30c. per unit-ton
fertilizer grade, 10c. per unit-ton.
New York, 25c. per unit-ton.
Import, 10c. per unit-ton.

Reduced

None.

Comparative Values

Index numbers compiled from

Last week.	Prev. week.	Last month.	Last year.
66.3	66.3	66.3	66.7

Market news that may have developed after this report was sent to press will be found on page 4.

Ammoniates

Nitrate of Soda.—Dullness continued to envelop the market. Buyers are not interested in ordering deliveries against contracts at this time and the aggregate tonnage moved out of port warehouses during the past several weeks has been small. Prices continued steady at the established schedule.

Sulphate of Ammonia.—The December prices will go into effect Thursday at $27.75 per ton, in bulk, f.o.b. cars nearest Atlantic or Gulf port and/or $1 per ton cheaper f.o.b. cars nearest inland producing oven, whichever is lower to destination. Delivery orders have moderated in number during recent weeks. Production, as it is measured by steel mill operations, has been increasing albeit last week's operating rate slipped to 61.9 percent of capacity against 62.6 percent in the preceding week. A month ago operations were 53.7 percent and a year ago 31 percent.

Dried Blood.—Chicago prices advanced 15c. per unit last week and quotations were reported quite firm at the new basis of $3.15 per unit. In New York spot stocks were virtually unobtainable and the packers asked $3 per unit for early December delivery against latest sales prices of $2.90 per unit.

Fish Scrap.—Japanese sardine meal was quite firm at $45 per ton, c.i.f. Although most buyers here have not shown much interest in the market, there has been a lively interest in primary market sources. There is some domestic acid scrap offering out of Delaware at $2.50 and 50c. per unit-ton. Menhaden meal in Baltimore continues at $50 per ton.

Tankage.—Lively demands in Chicago sent prices at that point to higher levels last week. Feeding grade in Chicago was priced at $3.15 and 10c. per unit-ton a jump of 30c. for the week; fertilizer grade which recently sold at $2.60 and 10c. and which was $2.65 and 10c. a week ago was now held at $2.75 and 10c. per unit-ton. The New York market advanced 25c. to the basis of $3 and 10c. per unit-ton asked. Imported material was quoted at $3.10 and 10c. per unit-ton, a rise of 10c. over the preceding week and it was understood that one spot sale in Baltimore was invoiced at $3.15 and 10c. per unit-ton.

Potashes

Deliveries against orders placed earlier in the season continued in routine fashion and constituted the only activity in the market as there has been no new buying interest since the discount offerings expired and there is very little expected. The price situation continued steady and list prices prevailed.

Phosphates

The superphosphate market continued in a very quiet position. There was little call for shipment against contracts. The bone materials were also quiet and prices were unchanged during the week.

Bone Materials.—Following the reductions in foreign materials a week ago, the markets here and in the Middle West were held without price shift. There was very little buying interest in the market.

Superphosphate.—Baltimore producers continued to quote the market in an unchanged position at $7.50 per ton for the run of the pile and $8 per ton for guaranteed 16 percent material, both f.o.b. Baltimore, in bulk. There was not much movement against contracts.

Sulphur and Pyrites

The sulphur producers continued to line up contracts for 1939 and beyond that at the prices that were established a few weeks back. Current deliveries were light. The office of the Department of Revenue of the State of Louisiana reports production of sulphur in Louisiana for the third quarter of 1938 at 72,520 long tons.

Markets at Other Centers

Atlanta, Nov. 23.—Cottonseed meal as an organic ammoniate in the South is held back somewhat by factors in control of the seed trade and the outlook is regarded by fertilizer manufacturers as not as favorable as was expected, still cottonseed meal is at present avaliable in the southeast at from $23 to $23.50 per ton. Dealers are predicting advances, but on the other hand soybean and peanut meal are reported coming into the market in a more competitive way then ever before.

Quotations of this market are as follows:—

SUPERPHOSPHATE.—$8.40 per ton, interior producing points.
NITRATE OF SODA.—$27 per ton, port basis, wholesale.
SULPHATE OF AMMONIA.—$27.75 per ton after Dec. 1, port basis.
COTTONSEED MEAL.—Eight percent grade $23 to $23.50 per ton southeastern producing points.
BLOOD.—$3.15 per unit, basis Chicago.
TANKAGE.—$2.65 to $2.75 and 10c. per unit, Chicago; foreign, port basis $3 and 10c.
NITROGENOUS.—$2.30 per unit, midwestern points; foreign $2.50, port basis.
FISH.—Imported Japanese sardine meal $45 per ton, ports.

Baltimore, Nov. 23.—There was virtually no change in the crude fertilizer material situation during the last week. The current quotations were as follows:—

FISH SCRAP.—Interest so far this ammoniate was concerned centered on the area that includes the Caroline coast, where operations by the menhaden fleet continued, with some fair results. The weather favored catches, and the condition of the fish furnished a further incentive for the steamers to go on with their labors. Some scrap made there was sold on the basis of about $42 per ton. Japanese sardine meal was $45 per ton. This last-named item shows an increased demand and the tendency is strong. Acid fish are being held at $2.50 and 50c. per unit, with some movement of late.

TANKAGE.—$2.75 and 10c. for unground high-grade material, with about $2.90 and 10c. for ground supplies c.a.f. basis Baltimore.

SUPERPHOSPHATE.—The business in this product is of moderate proportions. Producers to name $7.50 per ton for run of pile and $8 per ton for 16 percent guaranteed.

BONE.—The quotations are steady, with bone flour at $22 per ton; 3 and 50 ground steamed stocks at $24 per ton; and 4½ and 50 ground raw supplies at $27.50 to $28 per ton c.i.f. Atlantic ports.

Chicago, Nov. 23.—The general fertilizer materials market is rather slow, but for the most part seems to be holding its own. Feeling is rather mixed, some of the buyers preferring to hold off and await developments, while others are willing to place orders for fairly good amounts of material at this time. The most of the buying is in small quantities. Blood has been moving fairly well, while bone materials are mostly fairly steady. The tankage market is reported in good condition.

BLOOD.—Principal grade, $3.15 per unit of ammonia.

TANKAGE.—High grade, $2.65 to $2.70 and 10c.; unground, $18 to $20; hoof meal, $2.50 to $2.65; liquid stick, $1.75 to $2.

BONE MATERIALS.—Ground, steamed bone, 1¼ and 60 percent, $19 to $21; 3 and 50 percent, $24 to $26; 4½ and 50 percent, $28 to $29; grinding hoofs, pigs' toes and waste horn materials, $35 to $40; cattle jaws, skulls and knuckles, $22 to $23; beef cracklings, soft pressed, $30 to $32.50; pork cracklings, soft pressed, $40 to $45; hard pressed cracklings, per unit of protein, 60c. to 65c.

San Francisco, Nov. 22.—Excepting for the feed situation, which is giving some products like fish meal and dry rendered tankage a bouyant tone, the picture in fertilizers is not partciularly worthy of note at the present writing. In fact it is somewhat discouraging. Mixers are feeling a pinch in business conditions, with the agricultural districts not doing any ordering to speak of, mainly of course because of the poor crop prices. Prunes got very little Fall application and it is conceded almost everywhere that the orange growers are going to be very reluctant about putting on very much material with the crop in its present state of overabundance. Last week found fish meal and dry rendered tankage up in price, but buyers were showing some reluctance to follow.

Ruling prices are:—

SULPHATE OF AMMONIA.——Quoted in 100-pound bags at $31.50 per ton, port basis, San Francisco and/or Los Angeles harbor. Inland points, delivered, $1 per ton extra. Prices in effect through June 1939.

NITRATE OF SODA.——100-pound bags, $29 per ton ex vessel or warehouse; 200-pound bags, $28,30 per ton ex vessel or warehouse.

SUPERPHOSPHATE.—Domestic, 75c. per unit in bulk, f.o.b. producer's plant, San Francisco Bay. Bags, quoted at 85c. per unit. Foreign material nominal.

AMMONIA PHOSPHATE.—Quoted at $40 per ton, single bags, f.o.b. cars, San Francisco; basis 16 percent N., 20 percent P.A. Inland points, delivered, $1 per ton extra.

FISH MEAL.—California sardine meal is quoted on the basis of $40 per ton, f.o.b. cars, Monterey and $42 per ton, f.o.b. cars, San Francisco Bay points, with the market steady. Buyers are resisting the recent advances and trading is narrow.

TANKAGE.—Unground, fertilizer grade tankage, wet rendered, from domestic packing houses, quoted on the basis of $3.10 and 10c. per unit-ton, f.o.b. cars, San Francisco. High grade, quoted at $3.30 and 10c. per unit-ton. Dry rendered, ground, quoted at $37.50 per ton, f.o.b. cars; unground, dry rendered, quoted at from 60c. to 62½c. per unit of protein. The market is steady.

BLOOD MEAL.—Domestic $2.80 per unit, f.o.b. cars, San Francisco.

BONE MEAL.—Domestic steamed bone meal, depending upon quality and seller, quoted at from $25 to $29 per ton, delivered Pacific Coast ports.

Current prices on fertilizer materials are given in the alphabetical list of prices beginning on page 7

Fertilizer Program Of TVA Commended

OPD Washington Bureau
November 21, 1938

The phosphate fertilizer demonstration program of the Tennessee Valley Authority was praised by the American Farm Bureau Federation today at a hearing before the joint congressional committee investigating the activities of the TVA.

The committee is giving most of its attention to the electric power program of the TVA, but Monday it heard Edward A. O'Neal, president of the farm federation, present a statement in which he declared that the authority is conducting work to cheapen the cost and increase the use of fertilizer which cannot be duplicated by any other government agency. The statement declared that the development of highly concentrated phosphate fertilizers is essential to the success of a national program of soil conservation and urged that the TVA continue its researches and expand its program of distributing concentrated fertilizers to farmers for demonstration purposes.

The Pope congressional committee investigating national phosphate resources was told yesterday at its meeting in Knoxville, Tenn., by W. H. Waggaman, consulting engineer for the Phosphate Rock Institute, that these resources are sufficient for 2,100 years at the present rate of utilization.

Profit-Sharing Plans Outlined to Senators

—*Continued from page* 5

representative of junior executives, of the sales division, and of the factory personnel a voice in the determination of the company's policies. It is correlated with a system of profit-sharing among the members of the boards and the rank-and-file employees. The results of this plan, Mr. McCormick said, have been increasing business, helpful cooperation, and the complete avoidance of labor troubles.

Baltimore Paint Ass'n to Hold Christmas Party December 16

The Baltimore Paint, Varnish and Lacquer Association will hold its Christmas party December 16. Members of the Baltimore Paint and Varnish Production Club and the Paint Salesmen's Club have been invited to attend the celebration.

Interest at the November meeting of the association was concerned with the reports by the various members who had attended the fiftieth annual convention of the national association, which was held in Atlantic City, October 25-28.

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Markets at Other Centers

—Continued from page 51

DISTILLATES.—A broader demand was found this week in all grades with the No. 2 and No. 3 particularly active as these products are more in supply due to the predominent production. The No. 1 prime white low quotation was generally moved up to 3⅞c. and was quoted up to 4c. per gallon. No. 2 was quoted at 3¾c. to 3⅞c. per gallon with No. 3 practically at the same price. The gas oils ranged from 3¼c. to 3½c. per gallon with the exception of the U.G.I. which was quoted at 3c. per gallon.

FUEL OILS.—Better movement of the industrial grades has eliminated some of the weakness. And some refiners previously selling at 37½c. per barrel moved up their quotations to 45c. per barrel on the basis of Group 3 when located closer to the consuming centers.

LUBRICANTS.—Very little change has developed in this product as the production still continues high. Large stocks in the Eastern market still affect the prices which are unchanged in all neutrals, cylinder and bright stock grades.

Chicago, Nov. 23.—The tankcar gasoline market is holding fairly steady, although some downward readjustments have been made in the last few days, which have caused the average of all products to reach new low levels on the downward movement. Feeling seems to continue along somewhat uncertain lines. Consumption has held up past most estimates, because of long-continued good motoring weather. Kerosene is slow but is being held up by distillates and range oils. The latter are maintaining their positions even though consumption has been below hopes to date. The industrial fuel oil market is still showing improvement, with buying tending to pick up steadily. Lubricants are doing better, especially industrial items.

GASOLINE.—Third-grade motor, 3¾c. to 4c. per gallon; 63-66 octane motor, 4c. to 4¼c.; 67-69 octane motor, 4¼c. to 4½c.; 70-72, regular, 4½c. to 4¾c.; 60-62, 400 end-point, 3¾c. to 4c.; 64-66, 375, 4c. to 4¼c.; 68-70, 360, 5c. to 5¼c.

KEROSENE.—42-44, water white, 4¼c. to 4⅜c. per gallon; 41-43, water white, 4c. to 4⅛c.

FURNACE OILS.—Range oil, 3⅞c. to 4c.; No. 1 white, 3¾c. to 4c.; No. 1 straw, 3⅝c. to 3⅞c.; No. 2 straw, 3½c. to 3¾c.; No. 2 dark, 3¼c. to 3½c.; No. 3, 3¼c. to 3⅜c.; 32-36, dark, industrial gas oil, 2⅞c. to 3c.

FUEL OILS.—No. 4, $1 to $1.10 per barrel; No. 5, 70c. to 80c.; No. 6, 60c. to 70c.

New Orleans, Nov. 21.—Domestic market quotations remained steady during the past week with no changes being noted in prices previously quoted. Foreign inquiries and exports showed a slight improvement over the previous week. U. S. motor gasoline was quoted at 4⅞c.; U. S. motor below 62 octane at 4⅞c.; 63-67 octane at 5½c. and 68-70 octane at 5⅞c.—all prices being based on a per gallon rate at refinery.

Kerosene continued steady and was quoted at 7½c. per gallon at refinery.

Bunker C fuel oil was quoted at 75c. per barrel at terminal and 80c. per barrel delivered alongside, while industrial plants in this vicinity were quoted at $1.36 per barrel delivered.

Current prices on petroleum and its products are given in the alphabetical list of prices beginning on page 7

Mississippi Testing Gasoline

Mississippi's new $20,000 petroleum products testing laboratory, located on the Mississippi State College campus, Starkville, has begun operation under supervision of Dr. W. F. Hand, State chemist and dean of the science school. The laboratory, established under provision of the recent petroleum products act of the Mississippi legislature, will analyze and test samples of petroleum products sold in the State to protect motorists against inferior grades. J. A. Davis will serve as supervisor for the laboratory, while W. P. McNutt and E. W. Permenter will serve as octane engineers.

Continental Oil Company's pumping station on its Lance Creek-Cheyenne-Denver pipe line was destroyed by fire November 16. The loss was estimated at $25,000.

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ACID, CRESYLIC—20 dms, Monsanto Chem Co, Britannic, Liverpool
100 dms, Cameronia, Glasgow
83 dms, American Cyanamid & Chem Co, Britannic, Liverpool
LACTIC—2 cs, Draeger Shipping Co, President Harding, Havre
STEARIC—150 bgs, M J Corbett & Co, Black Gull, Rotterdam
67 bgs, Orbis Product Corp, Britannic, Liverpool
ADEPS LANAE—106 kgs, C Tennant Sons & Co, Britannic, Liverpool
22 dms, Britannic, Liverpool
ALBUMEN, EGG—56 cs, Corn Exchange Bank, Kano, Tientsin
28 cs, Chase National Bank, Kano, Tientsin
ALMOND MEAL—5 cs, Ungerer & Co, American Shipper, London
ALUMINUM, LEAF—34 cs, Globe Shipping Co, Hansa, Hamburg
POWDER—8 cs, Bryant & Hefferman, Hansa, Bremen
AMBAR LIQUID—2 dms, Eggers & Heinlein, Antigua, Puerto Cortes
AMMONIA, CRYSTALS—1 cs, Yardley & Co, American Shipper, London
ANISE—200 bgs, Britannic, Liverpool
60 bgs, Mexico, Vera Cruz
ARROWROOT—10 bbls, 5 cs, J P Smith & Co, American Shipper, London
ARSENIC—95 bbls, American Smelting & Refg Co, Agwistar, Tampico
ARTIST'S MATERIAL—4 cs, Winsor & Newton, American Shipper, London
ASPHALT—166 bgs, M Cortada, Mexico, Havana
88 cs, Barsari Tank Corp, Jean Jadot, Antwerp
BABASSU KERNELS — 12,432 bgs, General Food Corp, Sheridan, Maranhao
BARIUM HYDRATE—10 cks, Britannic, Liverpool
BARYTES—221 bgs, 22,000 lbs, Wishnick-Tumpeer, Barbarigo, Genoa
200 bgs, 22,000 lbs, C B Chrystal Co, Barbarigo, Genoa
3 cars, United Color & Pigment Co, Seatrain New York, Havana
BELLADONNA LEAVES—19 bls, Barbarigo, Fiume
BERRIES, MEDICINAL — 11 bgs, American Shipper, London
BISMUTH—150 bxs, Cerro de Pasco Copper Corp, Santa Clara, Callao
BONE MEAL—560 bgs, Hansa, Hamburg
BONES—77 bgs, Bruyere, Santos
2 cars, Geck Trading Co, Seatrain New York, Havana
BRISTLES—7 cs, National Bank Trust Co, City of Bedford, Singapore
6 cs, M Broverman & Son, American Shipper, London
10 cs, American Shipper, London
5 cs, F H Cone & Co, Kano, Kobe
5 cs, Iwai & Co, Kano, Kobe
55 cs, Tradesmen National Bank, Kano, Tientsin
155 cs, Corn Exchange Bank, Kano, Tientsin
110 cs, Philadelphia National Bank, Kano, Tientsin
150 cs, Manufacturers Trust Co, Kano, Tientsin
82 cs, Public National Bank, Kano, Tientsin
52 cs, Irving Trust Co, Kano, Tientsin
60 cs, B C Ritchie & Co, Kano, Tientsin
50 cs, Bank of London South America, Kano, Tientsin
55 cs, H Rosenhirsch Co, Kano, Tientsin
69 cs, J H Schroeder Banking Corp, Kano, Tientsin
52 cs, Brown Bros, Harriman Co, Kano, Tientsin
26 cs, Chinese National Bank, Kano, Tientsin
CANARY SEED—250 bgs, A G Dunn, Express, Tekirdag
1,200 bgs, Express, Tekirdag
CARAWAY SEED—200 bgs, 22,000 lbs, American Bluefriesveen, Black Gull, Rotterdam
CAROB FLOUR—100 bgs, Express, Marseilles
CASSIA—109 bls, A G Dunn, City of Bedford, Padang
266 bls, City of Bedford, Padang
80 bls, P H Petry & Co, Troilus, Batavia
92 bls, G L Curtin Co, Troilus, Batavia
30 bls, J Berlage Co, Troilus, Batavia
VERA—100 bls, A G Dunn, Kota Pinang, Padang
CASTOR BEANS—6,306 bgs, Sheridan, Ceara
3,370 bgs, Spencer Kellogg & Sons, Sheridan, Ceara
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5,558 bgs, Bruyere, Fortaleza
CHALK, PRECIPITATED—122 bgs, H J Baker & Bros, Britannic, Liverpool
CHAMOIS—5 cs, President Harding, Havre
CHAMOMILE FLOWERS, POWD—40 bgs, New York Trust Co, President Harding, Hamburg
CHEMICALS—65 cs, Bergstrom Trading Co, Gripsholm, Gothenburg
31 cks, General Aniline Works, President Harding, Hamburg
16 cs, G F Doherty, President Harding, Havre
221 bgs, Koln, Bremen
5 dms, Express, Istanbul
500 bgs, O Herman, Black Gull, Rotterdam
24 cks, Philip Bauer Co, Black Gull, Rotterdam
15 dms, 334 bgs, Advance Solvents & Chem Co, Black Gull, Rotterdam
10 cks, American Cyanamid & Chem Co, Black Gull, Rotterdam
50 crbys, Hansa, Hamburg
1,270 bgs, Advance Solvents & Chem Co, Hansa, Hamburg
10 cks, 180 cs, Hansa, Hamburg
39 bbls, National City Bank, Hansa, Hamburg
29 cs, Hummel Chem Co, Hansa, Hamburg
17 cs, Schimmel & Co, Hansa, Hamburg
40 dms, 40 cks, Jungmann & Co, Hansa, Hamburg
3 bbls, Philip Bauer Co, Hansa, Hamburg
3 cs, Trojan Powder Co, Hansa, Hamburg
1 cs, Allondon Bayonne Co, Hansa, Hamburg
5 cks, 2 cs, Pfaltz & Bauer, Hansa, Bremen
50 crbys, 1,529 bgs, 125 cks, Hansa, Bremen
200 bgs, Phillip Bros, Jean Jadot, Antwerp
250 bgs, 60 dms, Jean Jadot, Antwerp
125 cks, Advance Solvents & Chem Co, Westernland, Antwerp
50 cks, Westernland, Antwerp
CHIRETTA ROOT—13 bls, S B Penick & Co, American Shipper, London
CHLOROPHYLL—1 cs, Merck & Co, American Shipper, London
CINNAMON—30 bls, Kota Ping, Colombo
CLAY—60 cks, Koln, Bremen
BURNT—150 bgs, G C Foster, Britannic, Liverpool
COALTAR INTERMEDIATES—17 cks, General Aniline Works, Black Gull, Rotterdam
1 cs, General Dyestuff Corp, Hansa, Hamburg
PRODUCT—50 dms, Elliman Wilson Line, Kayno, Hull
2 cs, Allondon Bayonne Co, Hansa, Hamburg
COBALT METAL—10 cs, Central Trading Corp, Ilsenstein, Antwerp
60 cks, Jean Jadot, Antwerp
COCOA BEANS—1,000 bgs, National City Bank, Sheridan, Bahia
1,000 bgs, Guaranty Trust Co, Sheridan, Bahia
2,000 bgs, National City Bank, Sheridan, Ilheos
6,000 bgs, W R Grace & Co, Sheridan, Ilheos
2,000 bgs, Sheridan, Ilheus
1,180 bgs, Cristobal, South Pacific ports
2,000 bgs, National City Bank, Fredheim, Ilheos
2,000 bgs, Bankers Trust Co, Fredheim, Ilheos
5,000 bgs, Guaranty Trust Co, Fredheim, Ilheos
14,350 bgs, Fredheim, Ilheos
1,000 bgs, National City Bank, Fredheim, Bahia
12,000 bgs, Fredheim, Bahia
200 bgs, Scholtz & Co, Santa Paula, La Guaira
101 bgs, Curacao Trading Co, Santa Paula, Puerto Cabello
410 bgs, Schutte & Focke, Calypso, Jeremie
100 bgs, Calypso, Jeremie
75 bgs, Wessel, Duval & Co, Calypso, Port de Paix
250 bgs, W & A Leaman, Calypso, Jeremie
237 bgs, Schutte & Focke, Calypso, Jeremie
750 bgs, Struller & Wood, Calypso, Jeremie
250 bgs, Calypso, Jeremie
125 bgs, Porcella, Vicini & Co, Leif, Puerto Plata
614 bgs, Tropic Food, Platano, Cristobal
RESIDUE—4,688 bgs, H J Baker & Bros, Black Gull, Rotterdam
COCONUTS—900 bgs, 90,000 lbs, J L Toledano Corp, Cristobal, Cristobal
69 bgs, 6,900 lbs, H L Daurnheim, Borinquen, San Juan
150 bgs, 15,000 lbs, Universal Import & Export Co, Ponce, Mayaguez
300 bgs, 30,000 lbs, Standard Trust Co, Amapala, La Ceiba
COLORS—8 cs, C A Wulky, Jean Jadot, Antwerp
DRY—2 bbls, Robinson, Wagner & Co, Hansa, Hamburg
EARTH—50 cks, Fezandie & Sperrle, Kohn, Bremen
COPPER RESIDUE—198 bgs, Kyno, Newcastle, Tyne
175 dms, American Shipper, London
CORIANDER SEED—300 bgs, Van Loan & Co, Exmoor, Casablanca
100 bgs, Armour & Co, Exmoor, Casablanca
CORK—30 bgs, Mundet Cork Co, Exmoor, Lisbon
1,900 cs, Armstrong Cork Co, Exmoor, Seville
VIRGIN—3,765 bls, United Cork Co, Exmoor, Casablanca
WASTE—3,707 bls, Express, Djidjelli
WOOD—650 bls, Armstrong Cork Co, Exmoor, Lisbon
184 bls, Mundet Cork Co, Exmoor, Lisbon
736 bls, Irving Trust Co, Exmoor, Seville
165 bls, Exmoor, Seville
100 bls, Armstrong Cork Co, Exmoor, Algiers
350 bls, Express, Djidjelli
CRESOL—10 kgs, Monsanto Chem Co, Britannic, Liverpool
CUBE ROOT—32 bls, Sheridan, Iquitos
CUTTLEFISH BONES—700 cs, Express, Marseilles
DERRIS CHIPS—60 cs, J F Frank, Troilus, Batavia
DOGGRASS ROOT—200 bgs, 22,000 lbs, Mormacsun, Gdynia
DRAGON'S BLOOD—8 cs, Troilus, Singapore
DYES, ANILIN—18 cks, 1 pkg, General Dyestuff Corp, Hansa, Hamburg
2 bbls, L & R Organic Product, Ilsenstein, Antwerp
5 kgs, Fulton Dye & Import Co, Britannic, Liverpool
EMERY POWD—50 bgs, American Shipper, London
EPHEDRA—64 bls, Gane & Ingram, Kano, Tientsin
350 bls, Wah Chang Trading Corp, Kano, Tientsin
ERGOT—40 cs, S B Penick & Co, Black Gull, Antwerp
ETHYL CHLORIDE—2 cs, Hansa, Hamburg
FAT, VEGETABLE—9 kgs, E Fougera & Co, American Shipper, London
FERROMANGANESE—250 cks, President Harding, Havre
FERTILIZER—80 bgs, Freedman & Slater, American Shipper, London
NITRATE PHOSPHATE—2,000 bgs, Synthetic Nitrogen Product Corp, Westernland, Antwerp
FILTER, PAPER—13 cs, Hansa, Hamburg
4 cs, H Reeve, Angel & Co, American Shipper, London
FLAXSEED—19,628 bgs, 43,181 bus, Archer-Daniels-Midland Co, Bruyere, Rosario
2,401,400 kilos, 96,056 bus, Archer-Daniels-Midland Co, Bruyere, Rosario
2,172 tons, 86,880 bus, Spencer Kellogg & Sons, Tercero, Buenos Aires
5,115 tons, 204,600 bus, Spencer Kellogg & Sons, Tercero, Rosario
FLOWERS, MEDICINAL—4 bgs, R J Prentiss & Co, Express, Marseilles
FULLER'S EARTH—150 bgs, 33,000 lbs, L A Salomon & Bros, American Shipper, London
GAMBIER — 340 cs, American Dyewood Co, City of Bedford, Belawan Deli
425 cs, L Littlejohn & Co, City of Bedford, Belawan Deli
255 cs, Troilus, Penang
255 cs, L Littlejohn & Co, Troilus, Belawan Deli
255 cs, American Dyewood Co, Troilus, Belawan Deli
GELATIN, POWD—41 cs, International Selling Corp, Westernland, Antwerp
GENTIAN ROOT—126 bgs, Express, Marseilles
GINGER ROOT—294 bgs, Daniel Bacon, Britannic, Liverpool
5 bgs, Sion Solomon, Mexico, Havana
GLASS, PLATE—3 cs, C Happel, President Harding, Hamburg
2 cs, Semon, Bache & Co, Black Gull, Antwerp
2 cs, C Happel, Hansa, Hamburg
2 cs, Globe Shipping Co, Hansa, Hamburg
SHEET—1,350 cs, Black Gull, Antwerp
500 cs, Westernland, Antwerp
WINDOW—7 cs, S A Bendheim & Co, President Harding, Hamburg
12 cs, S G Cole, Black Gull, Antwerp
5 cs, Leo Popper & Sons, Hansa, Hamburg
23 cs, W J Byrnes & Co, Hansa, Hamburg
500 cs, National City Bank, Ilsenstein, Antwerp
743 cs, Ilsenstein, Antwerp
36 cs, Semon, Bache & Co, Barbarigo, Leghorn
25 cs, Jean Jadot, Antwerp
1,000 cs, Westernland, Antwerp
GLUE, BONE—100 bgs, Barbarigo, Trieste
POWDERED—15 cks, Rex & Reynolds, Express, Marseilles
GRAPHITE—300 bgs, Barber S S Co, American Shipper, London
GREASE, VEGETABLE—5 bbls, Hansa, Hamburg
WOOL—10 dms, 80 cks, Pfaltz & Bauer, Koln, Bremen
5 dms, M W Parson Import Co, Hansa, Hamburg
GUM, CATIVO—3 dms, W H Scheel, Cristobal, Panama
COPAL—101 bgs, Gillespie-Rogers-Pyatt Co, Black Gull, Antwerp
400 bgs, O G Innis Corp, Jean Jadot, Antwerp
100 bgs, France, Campbell & Darling, Jean Jadot, Antwerp
400 bgs, Westernland, Antwerp
111 baskets, New York Trust Co, Kota Pinang, Macassar
239 baskets, 140 bgs, O G Innis Corp, Kota Pinang, Macassar
64 baskets, Irving Trust Co, Kota Pinang, Macassar
126 baskets, Kota Pinang, Macassar
157 bgs, Guaranty Trust Co, Kota Pinang, Banda
6 bgs, Guaranty Trust Co, Kota Pinang, Batavia
108 bgs, Manufacturers Trust Co, Kota Pinang, Batavia
DAMMAR—26 cs, City of Bedford, Batavia
100 cs, City of Bedford, Padang
100 cs, Gillespie, Rogers, Pyatt Co, City of Bedford, Singapore
150 cs, Chase National Bank, Troilus, Batavia
50 cs, Stroock & Wittenburg, Troilus, Batavia
200 cs, S Winterbourne & Co, Troilus, Batavia
140 bgs, O G Innes Corp, Troilus, Singapore
140 bgs, Stroock & Wittenburg, Troilus, Singapore
300 cs, Thurston & Braidich, Kota Pinang, Sourabaya
50 cs, Kota Pinang, Sourabaya
100 cs, Gillespie, Rogers, Pyatt Co, Kota Pinang, Batavia
100 cs, Stroock & Wittenberg, Kota Pinang, Batavia
210 bgs, O G Innes Corp, Kota Pinang, Singapore
50 cs, W H Scheel, Kota Pinang, Singapore
KARAYA—120 bgs, Hansa, Hamburg
LABDANUM—1 cs, President Harding, Havre
LOCUST BEAN—30 bgs, Paul A Dunkel & Co, Barbarigo, Genoa
PERILLA—73 bls, Santo Domingo & Co, Cristobal, Cristobal
SANDARAC—8 bbls, Chase National Bank, Exmoor, Casablanca
TRAGACANTH—7 bgs, Gripsholm, Gothenburg
GYPSUM—200 bgs, Whittaker, Clark & Daniels, Kyno, Hull
100 bgs, C B Chrystal & Co, Kyno, Hull
ROCK—2,210 tons, National Gypsum Co, Sekstant, Dingwall
HERBS, CRUDE—39 bls, McKesson & Robbins, President Harding, Hamburg
49 bls, New York Trust Co, President Harding, Hamburg
23 bls, Allaire, Woodward & Co, Barbarigo, Trieste
12 bls, Peek & Velsor, Barbarigo, Trieste
POWDERED—2 cs, McKesson & Robbins, American Shipper, London
HOPS—42 bls, R F Downing & Co, President Harding, Hamburg
20 bls, 8 cs, President Harding, Hamburg
77 bls, S S Steiner, Black Gull, Antwerp
20 bls, Rohner, Gehrig & Co, Black Gull, Antwerp
50 bls, Bode & Voight, Hansa, Hamburg
80 cs, Hansa, Hamburg
60 bls, W J Honan, Hansa, Hamburg
6 bls, 10 ballots, Hansa, Bremen
25 bls, Atlantic Forwarding Co, Ilsenstein, Antwerp
20 bls, R F Downing & Co, Barbarigo, Trieste
27 bls, Atlantic Forwarding Co, Jean Jadot, Antwerp
INK, PRINTING—2 cks, Hansa, Hamburg
INFUSORIAL EARTH—500 bgs, Exmoor, Oran
IRON ORE—1 dm, C Hardy, Black Gull, Antwerp
10 dms, Reichard Coulston, Britannic, Liverpool
OXIDE—4 cks, 10 kgs, J H Rhodes & Co, Britannic, Liverpool
10 cks, Hammill & Gillespie, Britannic, Liverpool
27 cks, J A McNulty, Britannic, Liverpool
ISINGLASS—15 cs, American Shipper, London
JALAP ROOT—15 bgs, Mexico, Vera Cruz
JUNIPER BERRIES—30 bgs, Barbarigo, Leghorn
KIESERITE—401 bgs, President Harding, Hamburg
LARKSPUR—17 bgs, Peek & Velsor, Express, Marseilles
LAUREL LEAVES—86 bls, Express, Piraeus
100 bls, Barbarigo, Trieste
LAVENDER FLOWERS—31 bls, Peek & Velsor, Express, Marseilles
LEAVES, MEDICINAL—32 bls, Peek & Velsor, Express, Marseilles
38 bls, Express, Marseilles
136 bls, S B Penick & Co, Express, Marseilles
MACE—16 cs, Troilus, Batavia
148 cs, Catz American Co, Kota Pinang, Macassar
16 cs, Kota Pinang, Banda
MAGNESIA, CALCINED—10 cs, Schofield-Donald Co, Britannic, Liverpool
CARBONATE—260 cs, 5 cks, Schofield-Donald Co, Britannic, Liverpool
HYDRATE—60 cs, Schofield-Donald Co, Britannic, Liverpool
MANGANESE CHLORIDE—80 cks, Jungmann & Co, Ilsenstein, Antwerp
MATCHES, SAFETY—5,400 conts, 5 cs, New York Match Co, Gripsholm, Gothenburg
1,510 conts, Guaranty Trust Co, Mormacsun, Helsingfors
MEDICINAL PREPS—9 cs, American Shipper, London
3 cs, Burroughs-Wellcome & Co, American Shipper, London
5 cs, E Fougera & Co, American Shipper, London
MENTHOL—5 cs, Allondon Bayonne Co, Hansa, Hamburg
7 cs, New York Quinine & Chem Works, American Shipper, London
MICA—30 cs, President Harding, Antwerp
1 pkg, O Gerdau Co, American Shipper, London
MINERAL SUBSTANCE—16 cs, F Behrend, Hansa, Hamburg
MUSTARD SEED—50 bgs, B H Old & Co, Hansa, Bremen
NITRATE ORE—7 bgs, Chilean Nitrate Sales Corp, Helga, Iquique
NUTMEGS—345 bgs, Troilus, Batavia
16 cs, Catz American Co, Kota Pinang, Macassar
27 bgs, C T Wilson & Co, Kota Pinang, Banda
8 bgs, Kota Pinang, Banda
220 bgs, Geo Lueders & Co, Kota Pinang, Padang
322 bgs, W J Bush & Co, Kota Pinang, Padang
OCHER—5 cks, Fezandie & Sperrle, Cameronia, Glasgow
25 cks, Whittaker, Clark & Daniels, Express, Marseilles
400 bgs, J Lee Smith & Co, Express, Marseilles
80 cks, Scott L Libby Corp, Express, Marseilles
640 bgs, 41 cks, Reichard Coulston, Express, Marseilles
OIL, ALMOND—10 dms, Dodge & Olcott Co, Express, Marseilles
2 dms, 26 cs, Express, Marseilles
13 cs, Ungerer & Co, American Shipper, London
CARAWAY—12 dms, Takamine Corp, Kano, Kobe
CINNAMON LEAF—14 dms, Barber S S Co, American Shipper, London
CITRONELLA—8 dms, National City Bank, City of Bedford, Batavia
39 dms, Troilus, Batavia
40 dms, Stein, Hall & Co, Troilus, Batavia
20 dms, Barber S S Co, American Shipper, London
COCONUT — 402 tons, Wecoline Prod Co, Muensterland, Manila
347 tons, Pacific Vegetable Oil Co, Muensterland, Cebu
CODLIVER—271 dms, Consumers Import Co, Kyno, Hull
78 dms, Chase National Bank, Kyno, Hull
200 dms, McKesson & Robbins, Kyno, Hull
300 dms, Guaranty Trust Co, Kyno, Hull
10 dms, Consumers Import Co, President Harding, Hamburg
76 dms, C T Smith, President Harding, Hamburg
295 dms, President Harding, Hamburg
CORN — 156 dms, Balfour, Guthrie & Co, Kyno, Hull
180 dms, Corn Product Refg Co, Cameronia, Glasgow
380 dms, Corn Product Refg Co, Hansa, Hamburg
COTTONSEED—500 dms, Bank of California National Assn, Sheridan, Pernambuco
ESSENTIAL—99 pkgs, Express, Marseilles
4 cs, Hansa, Hamburg
11 dms, 1 cs, American Shipper, London
4 dms, Kano, Yokohama
FISH—12 dms, American Shipper, London
FISH LIVERS—5 dms, Consumers Import Co, Kano, Yokohama
FUEL—79,311 bbls, Asiatic Petroleum Corp, Cities Service Empress, Curacao
95,000 bbls, Standard Oil Co of N J, Esso Bolivar, Aruba
65,122 bbls, Shell Union Oil Corp, Megara, Curacao
90,000 bbls, Standard Oil Co of N J, Koll, Aruba
105,000 bbls, Standard Oil Co, Wilhelm A Riedeman, Aruba
GERANIUM—9 dms, Roure Dupont, Exmoor, Algiers
LEMONGRASS—2 dms, Volkart Bros, Troilus, Cochin
8 dms, Brown Bros, Harriman Co, Troilus, Cochin
8 dms, Troilus, Cochin
MINERAL—200 dms, Heemsoth-Kerner Corp, Hansa, Hamburg
NUT—536 cs, Koln, Bremen
OITICICA—702 dms, Sheridan, Ceara
OLIVE—60 cs, Exmoor, Seville
200 cs, Exmoor, Algiers
200 dms, Venice Import Co, Express, Marseilles
50 dms, National City Bank, Express, Marseilles
50 dms, Banca Com'l Italian Trust Co, Express, Marseilles
50 dms, Irving Trust Co, Express, Marseilles
100 dms, National City Bank, Express, Marseilles
140 cs, Express, Piraeus
72 cs, 35 dms, Express, Marseilles
100 dms, Strohmeyer & Arpe Co, Rex, Genoa
75 dms, American Hawaiian S S Co, Barbarigo, Genoa
2,180 cs, 250 dms, Barbarigo, Genoa
10 dms, A Fiore & Co, Barbarigo, Genoa
100 dms, Chemical Bank & Trust Co, Barbarigo, Leghorn
885 cs, Barbarigo, Leghorn
PALM—305 tons, Troilus, Belawan Deli
463 tons, Banque Belge pour l'Etranger, Troilus, Belawan Deli
625 tons, Bunge North American Grain Co, Troilus, Belawan Deli
Quantity, Van Leeuwen Boomkamp & Co, Kota Ping, Belawan Deli
Quantity, Kota Ping, Belawan Deli
PATCHOULI—1 dm, Kota Pinang, Sourabaya
PINE—1 cs, E Fougera & Co, American Shipper, London
RAPESEED—300 tons, Mitsui & Co, Kano, Moji
301 tons, Mitsui & Co, Kano, Kobe
RICE BEAN—289 tons, W R Grace & Co, Kano, Kobe
SOD—80 cks, C H Reisig, Kyno, Hull
STORAX—25 cs, Barbarigo, Trieste
VETIVER—5 dms, New York Trust Co, Kota Penang, Batavia
5 dms, National City Bank, Kota Penang, Batavia
YLANG YLANG—2 dms, Parfumerie Jean Niel, Express, Marseilles
ORRISROOT—6 cks, Yardley & Co, American Shipper, London
FINGERS—1 cs, Barbarigo, Leghorn
PAINT, SHIP—40 dms, Ellerman-Wilson Line, Kyno, Hull
PARAFFIN—560 bgs, Asiatic Petroleum Corp, Kota Pinang, Batavia

PEATMOSS—400 bls, Premier Peatmoss Corp, President Harding, Hamburg
4,304 bls, Kolu, Bremen
1 bl, New Amsterdam Import & Supply Co, Black Gull, Rotterdam
1,815 bls, C K Ketzel, Black Gull, Antwerp
300 bls, International Trading Co, Mormacsun, Gdynia
PEPPER, BLACK—243 bgs, City of Bedford, Samarang
1,575 bgs, Kota Pinang, Oosthaven
WHITE—504 bgs, Troilus, Batavia
PETROLEUM, CRULE—114,972 bbls, Standard Oil Co of N J, J H Senior, Guiria
72,284 bbls, Cities Service Oil Co, Mirlo, Las Piedras
REFINED—130 dms, R E Cruickshank Corp, Hansa, Hamburg
PITCH STEARIN—253 dms, A V Berner & Co, Kyno, Hull
126 dms, S K Ketler, Kyno, Hull
28 dms, Leitch Mfg Co, Kyno, Hull
137 dms, Kyno, Hull
POPPYSEED—300 bgs, 33,000 lbs, Levy & Levis Co, Mormacsun, Gdynia
300 bgs, 33,000 lbs, M Witsenburg, Mormacsun, Gdynia
300 bgs, 33,000 lbs, Biddle Purchasing Co, Mormasun, Gdynia
240 bgs, 26,400 lbs, Superintendence Co, Mormacsun, Gdynia
POTASH BINOXALATE—10 cks, Ilsenstein, Antwerp
BISULPHITE—20 kgs, Atlantic Forwarding Co, American Shipper, London
CARBONATE—10 cks, 4,818 lbs, T C Wygandt, Hansa, Hamburg
CAUSTIC—70 dms, 19,868 lbs, American Cyanamid & Chem Co, Hansa, Hamburg
CHLORATE—1,000 dms, 239,800 lbs, Uniform Chem Prod Co, Hansa, Hamburg
50 dms, 12,067 lbs, Innis, Speiden & Co, Hansa, Bremen
CYANIDE—91 bbls, J Murphy & Co, Jean Jadot, Antwerp
MURIATE—141,000 kilos, N V Potash Export Mij, President Harding, Hamburg
325 bgs, N V Potash Export Mij, Jean Jadot, Antwerp
Quantity, N V Potash Export Mij, Jean Jadot, Antwerp
OXALATE—10 cks, Ilsenstein, Antwerp
SALT—6 kgs, American Shipper, London
PUMICE—143 cs, J H Rhodes & Co, Exmoor, Canneto
LUMP—1,562 bgs, J H Rhodes & Co, Exmoor, Canneto
2,028 bgs, C B Chrystal & Co, Exmoor, Canneto
PYRETHRUM FLOWERS—125 bls, McKesson & Robbins, Kano, Kobe
PYRITES—6,141 tons, Kelet, Quebec
QUICKSILVER—90 flasks, Chase Natl Bank, Agwistar, Tampico
30 flasks, Chase Natl Bank, Mexico, Vera Cruz
RADIUM—3 cs, Radium Chem Co, Jean Jadot, Antwerp
RESIN—30 cs, Astoria Import & Mfg Co, Sheridan, Iquitos
26 cs, Sheridan, Iquitos
25 cs, Barbarigo, Trieste
ROOT, MEDICINAL—3 bls, Barbarigo, Trieste
42 bgs, 21 bls, Peek & Velsor, Barbarigo, Trieste
26 bls, S B Penick & Co, Barbarigo, Trieste
SAFFRON—1 cs, Atlantic Freighting Co, Express, Marseilles
SAGE LEAVES—194 bls, E E Marks & Co, Barbarigo, Trieste
15 bls, Barbarigo, Trieste
SAGO FLOUR—1,600 bgs, W R Grace & Co, Kota Pinang, Singapore
SALTPETER—456 bgs, Koln, Bremen
167,800 kilos, Chilean Nitrate Sales Corp, Helga, Iquique
SANDALWOOD — 117 bdls, Barber S S Co, American Shipper, London
SEED, MEDICINAL—20 bls, 100 bgs, Ilsenstein, Antwerp
97 bgs, Westernland, Antwerp
SESAME SEED—425 bgs, Agwistar, Tampico
SHELLAC—50 cs, A Hurst & Co, Hansa, Hamburg
SIENNA—65 cks, Barbarigo, Leghorn
SILICOUS EARTH—204 bgs, C B Chrystal & Co, Koln, Bremen
SILVER SULPHIDES—43 bgs, Bank of London & South America, Helga, Iquique
SOAP—7 cs, Titan Shipping Co, American Shipper, London
BASE—47 cs, Yardley & Co, American Shipper, London
SADDLE—25 cs, Salomon & Philips, American Shipper, London
SODA, BENZOATE—1 cs, Monsanto Chem Co, Britannic, Liverpool
CARBONATE—4 cks, Burroughs, Wellcome & Co, American Shipper, London
CAUSTIC—1 cs, Burroughs, Wellcome & Co, American Shipper, London
CYANIDE—1,000 dms, American Cyanamid & Chem Co, Black Gull, Rotterdam
NITRATE — 181,400 kilos, Chilean Nitrate Sales Corp, Helga, Iquique
SILICOFLUORIDE — 100 bgs, 22,000 lbs, Jungmann & Co, Hansa, Bremen
SPONGES—16 bls, Oriente, Havana
SQUILL—32 bls, R J Prentiss & Co, Exmoor, Algiers
STARCH, RICE—112 bbls, Stein, Hall & Co, Black Gull, Antwerp
25 bbls, Jean Jadot, Antwerp
TALC—81 cs, President Harding, Havre
1,900 bgs, Charles Mathieu, Barbarigo, Genoa
TANTALITE ORE—30 bgs, Gallagher & Ascher, Troilus, Singapore
TAPIOCA, FLAKE—1,943 bgs, Stein, Hall & Co, Kota Pinang, Sourabaya
FLOUR—1,918 bgs, Stein, Hall & Co, Kota Pinang, Sourabaya
552 bgs, National Adhesive Co, Kota Pinang, Pasoeroean
1,000 bgs, Stein, Hall & Co, Kota Pinang, Tjilatjap
250 bgs, Kota Pinang, Tjilatjap
2,008 bgs, Stein, Hall & Co, Kota Pinang, Cheribon
1,000 bgs, National Adhesive Corp, Kota Pinang, Batavia
250 bgs, Chase National Bank, Kota Pinang, Batavia
546 bgs, Stein, Hall & Co, City of Bedford, Sourabaya
495 bgs, City of Bedford, Sourabaya
500 bgs, Bank of Manhattan, City of Bedford, Batavia

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TAPIOCA FLOUR—2,007 bgs, Stein, Hall & Co, City of Bedford, Batavia
250 bgs, Chase National Bank, City of Bedford, Batavia
504 bgs, Chase National Bank, City of Bedford, Batavia
1,313 bgs, Stein, Hall & Co, Troilus, Sourabaya
500 bgs, Sino Java Handel, Troilus, Cheribon
503 bgs, Rutger, Bleecker & Co, Troilus, Cheribon
500 bgs, Java American Export Co, Troilus, Cheribon
250 bgs, American Cyanamid & Chem Co, Troilus, Cheribon
403 bgs, Guaranty Trust Co, Troilus, Cheribon
478 bgs, J Lowe Corp, Troilus, Batavia
2,250 bgs, Stein, Hall & Co, Troilus, Batavia
250 bgs, Rutger, Bleecker & Co, Troilus, Batavia
500 bgs, Sino Java Handel, Troilus, Batavia
1,608 bgs, Guaranty Trust Co, Troilus, Batavia
3 bgs, Falzarano Bros, Leif, Puerto Plata
PEARL—62 bgs, Troilus, Cheribon
SEED — 253 bgs, Stein, Hall & Co, Kota Pinang, Sourabaya
TAR PRODUCT—1 cs, Tyce & Lynch, Koln, Bremen
TARTAR—111 bgs, Standard Brands, Exmoor, Oran
413 bgs, Charles Pfizer & Co, Exmoor, Oran
300 bgs, Barbarigo, Leghorn
TONKA BEANS—12 bbls, Machado & Co, Sheridan, Para
TRICHLOROETHYLENE — 50 dms, International Selling Corp, Express, Marseilles
UMBER—25 cks, Whittaker, Clark & Daniels, Britannic, Liverpool
UREA—240 bgs, Synthetic Nitrogen Product Corp, Westernland, Antwerp
VANADIUM—4,154 bgs, Vanadium Corp, Santa Clara, Callao
VIOLET FLOWERS—1 cs, Yardley & Co, American Shipper, London
WATER, MINERAL—85 cs, Werckle & Galgano, Black Gull, Antwerp
100 cs, J Personeni, Barbarigo, Genoa
450 cs, H A Graziano, Barbarigo, Genoa
WAX, BEES—3 bgs, Calypso, Jeremie
233 pkgs, Britannic, Liverpool
39 bgs, Agwistar, Tampico
3 seroons, Porcella, Vicini & Co, Leif, Trujillo
18 seroons, Porcella, Vicini & Co, Leif, Porto Plata
CANDELILLA—375 bgs, M Argueso & Co, Agwistar, Tampico
CARNAUBA—28 bgs, Strahl & Pitsch, Sheridan, Ceara
28 bgs, Strahl & Pitsch, Bruyere, Fortaleza
MINERAL—30 bgs, American Shipper, London
VEGETABLE—50 bgs, Cameronia, Glasgow
300 cs, H H Rosenthal Co, Kano, Mozi
200 cs, Strohmeyer & Arpe Co, Kano, Mozi
WITHERITE—1,000 bgs, E I duPont de Nemours Co, Kyno, Newcastle
WOLFRAM ORE—60 bgs, W R Grace & Co, Santa Clara, Mollendo
YEAST—60 bbls, Vulkan Yeast Co, Hansa, Hamburg
20 dms, H S Head, Hansa, Hamburg
ZINC OXIDE—20 bbls, Reichard Coulston, Express, Marseilles
25 bbls, 1 cs, Philipp Bros, Ilsenstein, Antwerp
ZINC AMMONIA CHLORIDE—22 cks, American Cyanamid & Chem Co, Westernland, Antwerp

New York Transit Imports

AGAR AGAR—5 bls, Imperial Bank of Canada, Kano, Yokohama, Canada
BLUE ULTRAMARINE—183 cks, Standard Ultramarine Co, Kyno, Hull, Huntington
MENTHOL—50 cs, McKesson & Robbins, Kano, Kobe, Bridgeport
SPONGES—7 bls, Oriente, Havana, Zurich
36 bls, Mexico, Havana, Detroit
REFUSE—20 bls, Mexico, Havana, Detroit
17 bls, Mexico, Havana, Belgium

Baltimore Imports

BONEMEAL—1,026 bgs, Satartia, Buenos Aires
CHEMICALS—600 bgs, Cold Harbor, Glasgow
CHROME ORE—1,000 tons, Extavia, Thessaloniki
COCONUT, DESIC—200 cs, Jeff Davis, Manila
FERROMANGANESE—950 tons, 165 bbls, Delaware, Sauda
FLUORSPAR—1,000 tons, Cypria, St Raphael
GREASE—10 bbls, Cold Harbor, Liverpool
IRON ORE—11,500 tons, Bethlehem Steel Co, Firmore, Cruz Grande
21,500 tons, Bethlehem Steel Co., Marore, Cruz Grande
10,500 tons, Bethlehem Steel Co, Cubore, Daiquiri
OXIDE—5 bgs, Cold Harbor, Liverpool
LIVERMEAL—610 bgs, Satartia, Buenos Aires
OCHER—220 bgs, Cypria, Marseilles
OIL, OLIVE—30 cs, Extavia, Genoa
PYRETHRUM FLOWERS—125 bls, Kosin, Kobe
PYRITES—8,033 tons, Janeta, Huelva
QUEBRACHO EXTRACT—8,430 bgs, Satartia, Buenos Aires
SARDINE MEAL—4,000 bgs, Kosin, Nagoya
1,000 bgs, Kosin, Kobe
SEAWEED, DRIED—20 bgs, Cold Harbor, Liverpool
TANKAGE—2,095 bgs, Astri, Buenos Aires
1,815 bgs, Satartia, Santos

Beaumont Imports

POTASH—950 tons, Kiel, Hamburg

Boston Imports

ACID, NITRIC—15 dms, Advance Solvents & Chemical Corp, Toledo, Heroen
TARTARIC—100 csks, 12,683 lbs, Barbarigo, Genoa
ANISE—5 bgs, Exeter, Beyrouth
BAUXITE RESIDUE—200 bgs, 20 tons, 5 cwt, 1 qtr, 12 lbs, J Lee Smith & Co, Capillo, Leith
BRISTLES—25 cs, 6,557 lbs, Stone & Downer, Grete Maersk, Shanghai
CHEMICALS—15 dms, 20 csks, Tiradentes, Rotterdam
30 csks, Phillip Bros, Tiradentes, Rotterdam
COCOA BEANS—3,500 bgs, 462,966 lbs, Fredhem, Ilheos
2,000 bgs, 264,552 lbs, National City Bank, Fredhem, Ilheos
COCONUT, DESIC—120 cs, 18,268 lbs, Cooperative Cocoanut Products, Grete Maersk, Manila
COCONUTS—50 bgs, Lady Nelson, St Lucia
COLOR, DRY—3 cs, American Express Co, Britannic, Liverpool
CREAM OF TARTAR—200 csks, 24,831 lbs, Exeter, Genoa
EELGRASS—148 bls, Samuel Cabot, Yarmouth, Yarmouth
EMERY FILLET—1 cs, Joseph Sykes Bros, Britannic, Liverpool
3 cs, American Express Co, Britannic, Liverpool
EMERY POWDER—10 bgs, 5 csks, and 1 cs, Nicholson & Co, American Shipper, London
FAT, COOKING—2 bxs, Procter & Gamble Co, Britannic, Liverpool
FERTILIZER, CHEMICAL MANURE—15 bgs, American Shipper, London
FISH, LIVERS—6 cs, American Shipper, London
WASTE—619 bgs, Toledo, Aalesund
GLASS, PLATE—4 cs, 588 lbs, Ednal Co, Capillo, Hamburg
GLUE, BONE, SHEETS—150 bgs, Barbarigo, Trieste
FISH—7 bbls, Nicholson & Co, Yarmouth, Yarmouth
GLUESTOCK, FISH—5 bxs, and 7 bbls, J R Poole Co, Yarmouth, Yarmouth
HIDE—112 bgs, 8 tons, 2 cwt, 2 qtrs, 14 lbs, First National Bank, Britannic, Liverpool
GUM, INDUSTRIAL—10 bbls, 2,491 lbs, Exeter, Marseilles
25 bgs, 25 cks, J P Marston Co, Britannic, Liverpool
LOCUST BEAN—100 bgs, 22,773 lbs, Barbarigo, Genoa
HERBS—61 bls, Barbarigo, Trieste
INK, PRINTING — 1 cs, Davies-Turner Co, American Shipper, London
LEAVES, MEDICINAL—11 bls, 4,339 lbs, Barbarigo, Leghorn
38 bls, 4,643 lbs, Exeter, Marseilles
MAGNESITE—200 bgs, Tiradentes, Rotterdam
MOLASSES—10 pnchns, Lady Nelson, Barbados
MUSTARD SEED—150 bgs, Stickney & Poor Spice Co, Tiradentes, Rotterdam
OCHER—20 cks, 12,256 lbs, Reichard-Coulston, Exeter, Marseilles
OIL, COCONUT—536 tons, Lever Bros, Grete Maersk, Manila
COD—22 dms, Toledo, Tromso
200 dms, W Fischer, Toledo, Kristiansund
6 half bbls, 23 bbls, from Nova Scotia
CODLIVER—250 dms, United Drug Co, Toledo, Bergen
100 bbls, 5 dms, Tailby Nason Co, Toledo, Bergen
55 dms, 13,944 lbs, Capillo, Hamburg
ESSENTIAL—1 cs, American Shipper, London
LINSEED, ARTISTS—2 dms, J S Johnson, Toledo, Drammen
OLIVE—210 cs, 24,074 lbs, Exeter, Genoa
POPPYSEED—100 bgs, Boston Brokerage Co, Tiradentes, Rotterdam
QUEBRACHO EXTRACT—2,275 bgs, 242,134 lbs, International Products Corp, West Imboden, Buenos Aires
RESIN—1 dm, Vultex Co, American Shipper, London
SAGE LEAVES—78 bls, Livenza, Trieste
78 bls, Barbarigo, Trieste
39 bls, Livenza, Trieste
SHELLAC—65 cs, 50 bgs, J Henry Schroeder Banking Corp, Tiradentes, Rotterdam
SOAP—85 cs, 3,406 lbs, Conti Products Corp, Exeter, Leghorn
SADDLE—2 cs, America Express Co, American Shipper, London
TOILET—1 cs, American Express Co, American Shipper, London
2 cs, American Express Co, Britannic, Liverpool
STARCH, POTATO—100 bgs, Tiradentes, Rotterdam
TALC—200 bgs, 44,092 lbs, Charles Mathieu, Barbarigo, Genoa
70 bgs, 15,432 lbs, L A Salomon & Bros, Barbarigo, Genoa
200 bgs, 44,092 lbs, L A Salomon & Bros, Exeter, Marseilles
TANKAGE—2,000 bgs, 220,460 lbs, H J Baker & Bros, West Imboden, Buenos Aires
508 bgs, 55,997 lbs, Charles Hollinshed Co, West Imboden, Montevideo
TAPIOCA FLOUR—1,605 bgs, Balfour, Guthrie & Co, City of Bedford, Batavia
1,094 bgs, National City Bank, Kota Pinang, Sourabaya
245 bgs, Kota Pinang, Cheribon
1,103 bgs, Minute Tapioca Co, Eskbank, Pasoeroean
TOILET PREPS—3 cs, Lever Bros, Britannic, Liverpool
TRICHLOROETHYLENE—20 dms, Tiradentes, Rotterdam
WATER, MINERAL—25 cs, S S Pierce Co, American Shipper, London
127 cs, 12,071 lbs, S S Pierce Co, Exeter, Marseilles

Houston Imports

BLEACHING POWDER—100 cs, Syros, Antwerp
PETROLEUM, CRUDE—35,956 bbls, R W McIlvain, Tuxpam
85,852 bbls, Pericles, Tampico

Lake Charles Imports

POTASH, MURIATE—537 tons, Arica, Antwerp
MANURE, SALT—447 tons, Arica, Antwerp

Los Angeles Imports

ACID, STEARIC—400 pkgs, 44,800 lbs, Yamazato, Kobe
AGAR AGAR—120 lbs, Yamazato, Yokohama
AMMONIA PHOSPHATE—2,727 bgs, 299,720 lbs, Knute Nelson, Belgium
BABASSU KERNELS—1,667 bgs, 220,460 lbs, West Cactus, Maranhao
2,000 bgs, 264,610 lbs, From Pernambuco
BALSAM—5 pkgs, 590 lbs, Capac, San Salvador
BONE MEAL—1,036 bgs, 112,000 lbs, Knute Nelson, Brussels
CHEMICAL COMPOUND—600 lbs, Chichibu, Kobe
3,580 lbs, Kano, Yokohama
2 lbs, From Canada
1,250 lbs, Kano, Japan
COALTAR PRODUCTS—10 lbs, Amagisan, Kobe
COCONUT DESIC—52 cs, 7,280 lbs, Sagoland, Manila
COPRA—3,528,000 lbs, Sagoland, Manila
1,680,000 lbs, Sagoland, Cebu
MEAL—70,000 lbs, Hoegh Silvercrest, Manila
800,000 lbs, Silvercrest, Manila
COTTON LINTERS—55 bls, 21,780 lbs, West Cactus, San Paulo
CUMIN SEED—4,480 lbs, From Port Said
FERROMANGANESE—33,600 lbs, Knute Nelson, Bergen
FERTILIZER SUBSTANCE—1,000 bgs, 100,000 lbs, Kano, Kobe
FISH LIVERS, FROZEN—70 tins, 2,800 lbs, Chichibu, Japan
777 tins, 31,080 lbs, Chichibu, Yokohama
95 tins, 3,800 lbs, Asakasan, Japan
1,018 tins, 40,720 lbs, Asakasan, Yokohama
FLEASEED—160 lbs, Silvercrest, Amritsar
GELATIN—7,360 lbs, Damsterdijk, Rotterdam
GLASS, PLATE—55,390 lbs, Knute Nelson, Brussels
ROLLED—32 cs, 23,630 lbs, Knute Nelson, Brussels
WINDOW—5 pkgs, 3,670 lbs, San Antonio, Brussels
GUM COPAL—11,200 lbs, Hoegh Silvercrest, Singapore
DAMMAR—1,360 lbs, Hoegh Silvercrest, Java
1,360 lbs, Hoegh Silvercrest, Batavia
GYPSUM, CRUDE—7,844,000 lbs, Griffco, San Marcos
HEMPSEED MEAL—1,000 bgs, 100,000 lbs, Norfolk, Kobe
ISINGLASS—60 lbs, Amagisan, Kobe
MAGNESIA CARBONATE—3,500 lbs, Pacific President, Newcastle on Tyne
MEDICINAL PREPS—6 lbs, From Budapest
120 lbs, Amagisan, Kobe
MUSTARD, PREPARED—2,230 lbs, Pacific President, London
OIL, CODLIVER—24,760 lbs, Knute Nelson, Bergen
MUSTARD SEED—100 dms, 40,000 lbs, Kano, Osaka
RICE BRAN—150 dms, 60,000 lbs, Chichibu, Osaka
SPERM—300 dms, 120,410 lbs, Knute Nelson, Oslo
PEATMOSS—1,280 pkgs, 127,680 lbs, Knute Nelson, Malmo
PEPPER, WHITE—162 bgs, 22,030 lbs, Hoegh Silvercrest, Dutch East Indies
PERFUMERY—80 lbs, from London
30 lbs, from Paris
QUEBRACHO EXTRACT—104 bgs, 10,880 lbs, West Cactus, Buenos Aires
RAPESEED—375 bgs, 60,000 lbs, Chichibu, Otaru
RESIN, VINYL—1,000 lbs, from Montreal
RICE, FLOUR—490 lbs, Amagisan, Kobe
490 lbs, Yamazato, Yokohama
SCHEELITE—200 bgs, 11,890 lbs, from Mexico
SEAWEEDS—480 lbs, Norfolk, Kobe
240 lbs, Chichibu, Kobe
140 lbs, Yamazato, Yokohama
1,200 lbs, Amagisan, Yokohama
80 lbs, Amagisan, Kobe
SESAME SEED—830 lbs, Yamazato, Yokohama
MEAL—1,063 bgs, Yamazato, Yokohama
SOAP—30 lbs, from London
TOILET—600 lbs, from London
SODA, NITRATE—700,180 lbs, Capac, Tocopilla
SOYBEAN—500 lbs, Amagisan, Kobe
STARCHES—200 lbs, Kunikawa, Yokohama
POTATO—150 lbs, Yamazato, Yokohama
SULPHUR—734 bgs, 111,000 lbs, Capac, Antofagasta
TAPIOCA, FLOUR—8,600 lbs, Hoegh Silvercrest, Java
TOILET PREPS—80 lbs, Kunikawa, Yokohama
70 lbs, from London
30 lbs, Yamazato, Yokohama
30 lbs, Amagisan, Kobe
90 lbs, Chichibu, Yokohama
WAX, VEGETABLE—7,140 lbs, La Plata, Ceara
WHITING—3,937 bgs, 432,230 lbs, Knute Nelson, Anvers

New Orleans Imports

ACID, MURIATIC—400 crbys, United Fruit Co, Liberator, Hamburg
AMMONIA PHOSPHATE — 508 sx, National City Bank, Vermont, Antwerp
BAUXITE ORE—2,308 tons, Aluminum Ore Co, Nordvangen, Paramaribo
CHEMICALS—80 dms, Maasdam, Rotterdam
COCONUTS—800 sx, Standard Fruit & S S Co, Cefalu, Ceiba
100 sx, Barclays Bank, Lysefjord, Kingston
320 sx, W R Grace & Co, Lysefjord, Kingston
1,350 sx, Lysefjord, Kingston
1,140 sx, J Blake Jr, Lysefjord, Belize
300 sx, A Alamilla, Lysefjord, Belize
400 sx, A Durand, Lysefjord, Belize
175 sx, Lysefjord, Belize
193 sx, Fruit Dispatch Co, Sixaola, Puerto Cortez
64 sx, Fruit Dispatch Co, Sinaloa, Swan Island
FILTERING MATERIAL — 21 cs, Maasdam, Rotterdam
GLASS, WINDOW—120 cs, Maasdam, Antwerp
GUM, CHICLE—27 bls, Chicle Development Co, Lysefjord, Belize
664 bls, Wm Wrigley, Jr, Lysefjord, Belize
130 bls, Lysefjord, Belize
OIL, CODLIVER—135 dms, Liberator, Hamburg
HEAD—12 dms, Aluminum Line, Nordvangen, Curacao
MINERAL—100 dms, Wassenwald, Hamburg
OLIVE—75 cs, Montello, Genoa
PEATMOSS — 2,564 bls, Premier Peat Moss Corp, Maasdam, Rotterdam
750 bls, Marine Midland Trust Co, Maasdam, Rotterdam
1,640 bls, Maasdam, Rotterdam
50 bls, Premier Peat Moss Corp, Maasdam, Antwerp
2,670 bls, Peat Import Corp, Liberator, Bremen
POTASH CHLORATE — 700 dms, C Hardy, Maasdam, Antwerp
MURIATE — 875,000 kilos, First National Bank of Boston, Maasdam, Antwerp
SULPHATE—1,300 sx, N V Potash, Liberator, Hamburg
TALC—2,000 sx, Montello, Genoa
1,600 sx, Uiua, Cristobal
WHITING—50 sx, Maasdam, Antwerp

Norfolk Imports

AMMONIA, SULPHATE—451 tons, Robertson Chemical Corp, Black Tern, Antwerp
1,087 tons, Fertilizer Industries, Tiradentes, Rotterdam
BLOOD, DRIED—907 bgs, 43 tons, Mormacstar, Santos
5,104 bgs, 506,933 lbs, Jos C Jett, Satartia, Buenos Aires
2,037 bgs, 223,990 lbs, Satartia, Buenos Aires
BONES—186 bgs, 22,040 lbs, Satartia, Buenos Aires
985 bgs, 53 tons, Mormacstar, Buenos Aires
538 bgs, 49,836 lbs, Satartia, Buenos Aires
1,779 bgs, 207,552 lbs, Satartia, Montevideo
COCOA, WASTE—9,079 bgs, Monsanto Chemical Co, Tiradentes, Rotterdam
2,354 bgs, Tiradentes, Rotterdam
FISH MEAL—3,695 bgs, 185 tons, Bradley & Baker, N Y, Dominion Halsyd, Canso, N S
IRON OXIDE—223 bgs, 5 tons, 7 cwt, 2 qtrs, 6 lbs, Quaker City, Liverpool
LEATHER MEAL—1,524 bgs, H J Baker & Bros, N Y, Tiradentes, Rotterdam
WASTE—659 bgs, E R Ruben, Montreal City, Bristol
80 bls, 88,184 lbs, H J Baker & Bros, N Y, Satartia, Buenos Aires
90 bls, 101,412 lbs, Satartia, Buenos Aires
LIVERMEAL—303 bgs, 13 tons, Jos C Jett, Mormacstar, Buenos Aires
OIL, FUEL—84000.00 bbls eq to 3,528,000 U S measured gls, Standard Oil Co, Baltic, Aruba
WHALE, CRUDE SPERM—85 dms, 17,333 lbs, Cincinnati Chemical Works, Black Tern, Antwerp
PEATMOSS—350 bls, Premier Peatmoss Corp, Tiradentes, Rotterdam
900 bls, 63,000 lbs, Peoples National Bank of Grand Rapids, Mich, Black Tern, Antwerp
QUEBRACHO EXTRACT—1,000 bgs, 105,220 lbs, International Prod Corp, Satartia, Buenos Aires
506 bgs, 55,178 lbs, American Tanners, Satartia, Buenos Aires
533 bgs, 24 tons, Tannin Corp, Mormacstar, Buenos Aires
4,588 bgs, 486,340 lbs, Tannin Corp, Satartia, Buenos Aires
SAGO FLOUR—740 bgs, Muncaster Castle, Batavia

TALC—275 bgs, 25 tons, L A Salomon & Bros, Vincent, Le Havre
150 bgs, 13 tons, Whittaker, Clark & Daniels, Vincent, Le Havre
TANKAGE—5,173 bgs, 330,710 lbs, Jos C Jett, Santartia, Buenos Aires
DRY—1,966 bgs, 216,713 lbs, Satartia, Buenos Aires
GROUND — 1,000 bgs, 48 tons, Jos C Jett, Mormacstar, Buenos Aires
TAPIOCA FLOUR—376 bgs, Muncaster Castle, Batavia

Philadelphia Imports

ACID, CRESYLIC—250 dms, National City Bank, Bilderdijk, Rotterdam
165 dms, John H Faunce, Manchester Producer, Manchester
3 dms, Manchester Producer, Manchester
SOYBEAN OIL—80 dms, Bilderdijk, Rotterdam
AMMONIA SULPHATE—1,000 bgs, Bilderdijk, Rotterdam
ASBESTOS—100 bgs, Ehret Magnesia Mfg Co, Challenger, Capetown
BAUXITE—1,629 tons, Aluminum Union, Ingrid, Georgetown
1,051,085 kilos, Vincent, Hamburg
CALCIUM SILICIDE—119 bbls, Independence Hall, Havre
CHALK—500 tons, Independece Hall, Dunkirk
CHAMOIS SKINS—2 cs, Byrness Shipping Co, Independence Hall, Havre
CHEMICALS—650 dms, Bilderdijk, Rotterdam
46 bbls, Goldschmidt Co, Bilderdijk, Rotterdam
10 dms, Cold Harbor, Liverpool
500 bgs, Mormacsun, Gdynia
CHROME ORE—2,500 tons, E J Lavino & Co, Challenger, Beira
504 tons, 17 cwt, 3 qtrs, 17 lbs, Philadelphia National Bank, Challenger, Beira
COCOA BEANS—400 bgs, Levino Shipping Co, Cold Harbor, Liverpool
4,500 bgs, Fredhem, Ilheos
2,000 bgs, Fredhem, Bahia
COCONUTS—300 bgs, Universal Import & Export Co, Barbara, Mayaguez
200 bgs, and 200 hlf bgs, Starr Produce Co, Barbara, San Juan
140 bgs, J Simon, Barbara, San Juan
84 bgs, Simon & French, Barbara, San Juan
CUMIN SEED—87 bgs, Cypria, Marseilles
FERROMANGANESE — 29,836 kilos, Wm H Muller Co, Bilderdijk, Rotterdam
100 tons, Philadelphia National Bank, Toledo, Heroen
FLAXSEED—5,500 tons, Tana, Buenos Aires
FLUORSPAR — 310 tons, Irving Trust Co, Cypria, St Raphael
GLASS, SHEET—7 bxs, Arthur H Thomas, Manchester Producer, Manchester
GLYCERIN—110 dms, Independence Hall, Dunkirk
20 csks, Cypria, Marseilles
IRISH MOSS—8 cs, Mormacsun, Helsingfors
LITMUS—2 csks, Bilderdijk, Rotterdam
MAGNESITE, CALC—50 bgs, Livenza, Trieste
MATCHES, SAFETY—500 ctns, Guaranty Trust Co, Mormacsun, Helsingfors
MINERAL SPTS—1 cs, Atlantic Refining Co, Challenger, Capetown
MOLASSES—1,349,000 gls, Cassimir, Bufadero
711,513 gls, Catahoula, Fajardo
296,682 gls, Catahoula, La Romans
350,200 gls, Catahoula, San Pedro de Macoris
1,408,061 gls, North American Trading & Import Co, Winnetou, Havana
MUSTARD, DROSS—360 bgs, Atlantic Sales Corp, Manchester Producer, Manchester
SEED—5 bgs, Morris Freedman, Bilderdijk, Rotterdam
MYROBALANS—10,000 pkts, Mathura, Calcutta
2,000 pkts, Guaranty Trust Co, Mathura, Calcutta
OCHER—250 csks, Theo H Deutz Co, Cypria, Marseilles
OIL, CODLIVER—165 dms, Vincent, Hamburg
5 dms, W Fischer, Toledo, Kristiansund
45 dms, Seaboard Supply Co, Toledo, Aalesund
15 dms, Certified Laboratories, Toledo, Aalesund
15 dms, John Wyeth & Bros, Toledo, Aalesund
15 dms, Merit Labratories, Toledo, Aalesund
15 dms, Stevenson Bros Co, Toledo, Aalesund
40 dms, Pratts Food Co, Toledo, Aalesund
25 dms, Shoemacker & Busch, Inc, Toledo, Bergen
75 bbls, Philadelphia Wholesale Drug Co, Toledo, Bergen
65 dms, J A McCarthy, Toledo, Bergen
OLIVE—700 cs, Extavia, Leghorn
130 cs, Extavia, Genoa
VEGETABLE—55 dms, Incasso Bank, Bilderdijk, Rotterdam
PEATMOSS—1,000 bls, Premier Peat Moss Corp, Bilderdijk, Rotterdam
800 bls, Marine Midland Trust Co, Bilderdijk, Rotterdam
PETROLEUM, CRUDE—78,747 bbls, Gulf Oil Corp, Adellen, Las Piedras
110,900 bbls, Gulf Oil Corp, Gulfbird, Las Piedras
POPPYSEED—75 bgs, Bilderdijk, Rotterdam
POTASH, MURIATE—1,900 bgs, 2,860,400 kilos, First National Bank, Randwijk, Antwerp
PYRETHRUM FLOWERS—375 bls, Philadelphia National Bank, Kunikawa, Tientsin
SAGE LEAVES—132 bls, Livenza, Trieste
SALTPETER—167,800 kilos, Chilean Nitrate Sales Corp, Helga, Iquique
SODA NITRATE—181,400 kilos, Chilean Nitrate Sales Corp, Helga, Iquique
20,302 bgs, 453,600 kilos, Chilean Nitrate Sales Corp, Helga, Tocopilla
SOOT—20 bgs, Henry A Dreer, Cold Harbor, Glasgow
SPAR GRAVEL—221 tons, Manchester Produce, Manchester
TURPENTINE SUBSTITUTE—1 cs, Atlantic Refining Co, Challenger, Capetown
VANILLA BEANS—39 cs, Philadelphia National Bank, Cypria, Marseilles
WOODFLOUR—3,000 bgs, B L Soberski, Toledo, Greaker

Portland, Ore., Imports

IRON OXIDE—8 dms, Reichard Coulston, Parthenia, Liverpool
OIL, MINERAL—100 dms, Kuhne Libby Co, Weser, Hamburg
POTASH MURIATE—4,700 sks, Wilson & George Meyer & Co, Weser, Bremen
SILICA SAND—231 tons, Balfour, Guthrie & Co, Oregon, Antwerp
SODA CHLORATE—1,600 dms, W J Byrnes & Co, Weser, Hamburg
1,000 dms, International Selling Corpn, Oregon, Havre

San Diego Imports

OIL, CREOSOTE—1,485 tons, Svenor, Amsterdam

San Francisco Imports

AGAR AGAR—5 bls, Mitsui & Co, Yamazato, Kobe

ANTIMONY REGULUS—250 cs, Irving Trust Co, President Coolidge, Hongkong
BONE MEAL, STEAMED—1,170 sks, M W Park & Co, Chichibu, Tsingtao
3 cs, H Rosenhirsch Co, President Coolidge, Haiphong
2 cs, Guaranty Trust Co of N Y, President Coolidge, Haiphong
15 cs, N Wagman, President Coolidge, Shanghai
50 cs, Bank of China, President Coolidge, Shanghai
CARAWAY SEED—50 sks, McClintock-Stern Co, Damsterdijk, Rotterdam
50 sks, American Commerce Co, Damsterdijk, Rotterdam
100 sks, S H Tyler & Son, Damsterdijk, Rotterdam
CASSIA—375 bls, Wah Young Co, President Coolidge, Hongkong
100 bls, Otto Gerdau Co, President Coolidge, Hongkong
BARK, BROKEN—88 sks, Aries Co, President Coolidge, Haiphong
COCOA BEANS—50 sks, Damsterdijk, Cristobal
100 sks, Henry W Peabody & Co, President Coolidge, Colombo
COCONUT, DESIC—20 cs, Durkee Famous Foods, Dagmar Salen, Manila
800 cs, Balfour, Guthrie & Co, President Coolidge, Manila
2,776 cs, Philippine Desiccated Coconut Corpn, President Coolidge, Manila
5,019 cs, General Foods Sales Corpn, President Coolidge, Manila
1,536 cs, Durkee Famous Foods, President Coolidge, Manila
2,240 cs, Wood & Selick, President Coolidge, Manila
COPRA—525 tons, Bank of California, N A, Dagmar Salen, Legaspi (for Oakland)
MEAL—2,240 sks, Taylor Milling Corpn, Dagmar Salen, Hongkong
4,000 sks, Durkee Famous Foods, Dagmar Salen, Cebu (for Oakland)
5,680 sks, Taylor Milling Corpn, Dagmar Salen, Manila
4,480 sks, Taylor Milling Corpn, President Coolidge, Manila (for Oakland)
DENTIFRICE—1 cs, Leong Quong Chy, President Coolidge, Hongkong
FISH MEAL—51 pkgs, Nippon Co, Yamazato, Nagoya
FLINT PEBBLES—70 sks, Balfour, Guthrie & Co, Europa, Copenhagen
300 sks, Europa, Copenhagen
GINGER ROOT—12 sks, McClintock-Stern Co, Europa, Kingston
25 sks, Barclays Bank, Europa, Kingston
696 pkgs, President Coolidge, Hongkong
GLASS, WINDOW—50 cs, Mitsubishi Shoji Kaisha, Chichibu, Kobe
GLUE, GELATIN, POWD—15 kgs, Chas M Lee Co, Damsterdijk, Rotterdam
HERBS—5 bls, Ti Hang Lung & Co, President Coolidge, Hongkong
INK—1 cs, Mutual Supply Co, Chichibu, Kobe
10 cs, Colombia Co, President Coolidge, Hongkong
5 cs, Kwong Kee Chan, President Coolidge, Hongkong
INSECTICIDE—20 kgs, Jas Loudon & Co, Damsterdijk, London
KELP MEAL—142 sks, Oakland Food Products Co, Yamazato, Yokohama
LIME—1,400 sks, San Francisco Bay Exposition, Chichibu, Yokohama
LINSEED MEAL—500 sks, Balfour, Guthrie & Co, Chichibu, Kobe
MEDICINAL PREPS—4 cs, Hosoda Bros Co, Chichibu, Kobe
1 cs, S Ishimitsu Co, Chichibu, Kobe
22 pkgs, Tin Sau Tong, Dagmar Salen, Hongkong
4 cs, Ti Hang Lung & Co, President Coolidge, Hongkong
8 cs, Woo Kee Co, President Coolidge, Hongkong
11 pkgs, Sing Chong Co, President Coolidge, Hongkong
12 pkgs, Fung Chong, President Coolidge, Hongkong
1 cs, Columbia Co, President Coolidge, Hongkong
2 cs, Chong Kee Chan Co, President Coolidge, Hongkong
11 cs, Kwong Kee Chan, President Coolidge, Hongkong
8 cs, Kwong Yick, President Coolidge, Hongkong
2 cs, Chan Kee, President Coolidge, Hongkong
11 cs, Yick Sang Tong, President Coolidge, Hongkong
13 cs, Tin Yee Hong, President Coolidge, Hongkong
68 pkgs, Tin Bow Tong, President Coolidge, Hongkong
13 pkgs, Chan Ning Tong, President Coolidge, Hongkong
1 cs, Wing Hing Chong, President Coolidge, Hongkong
2 cs, Hosoda Bros Co, President Coolidge, Kobe
NUTGALLS—843 sks, Mallinckrodt Chemical Works, President Coolidge, Hongkong
OIL, ANISE—5 dms, Aries Co, President Coolidge, Haiphong
CHINAWOOD—75 dms, D Hecht & Co, Dagmar Salen, Hongkong
125 tons, S L Jones & Co, Dagmar Salen, Hongkong
210 tons, Bank of California, N A, Dagmar Salen, Hongkong
30 tons, Anglo-California National Bank, Dagmar Salen, Hongkong
143 tons, President Coolidge, Hongkong
347 tons, Werner G Smith Co, President Coolidge, Hongkong
299 tons, C L Duncan Co, President Coolidge, Hongkong
COTTONSEED — Quantity, Durkee Famous Foods, Chichibu, Kobe
CREOSOTE—2,339 tons, Svenor, Antwerp (for Oakland)
3,806 tons, Svenor, Amsterdam (for Oakland)
PAINT—19 cs, San Francisco Bay Exposition, Chichibu, Yokohama
PEANUT — 460 cs, Ti Hang Lung & Co, President Coolidge, Hongkong
50 cs, Woo Kee Co, President Coolidge, Hongkong
40 cs, Sing Chong Co, President Coolidge, Hongkong
100 cs, Columbia Co, President Coolidge, Hongkong
240 cs, Kwong Kee Chan, President Coolidge, Hongkong
120 cs, Wing Hing Chong, President Coolidge, Hongkong
100 cs, Chan Kee, President Coolidge, Hongkong
100 cs, Suey Chong Co, President Coolidge, Hongkong
PERILLA, REFD—Quantity, Pacific Vegetable Oil Co, Chichibu, Kobe
ORANGE PEEL, DRIED—4 sks, Kwong Kee Chan, President Coolidge, Hongkong
PAINT—24 cs, San Francisco Bay Exposition, Chichibu, Yokohama
PEATMOSS—200 bls, H M Newhall & Co, Damsterdijk, Rotterdam
PERFUMERY—1 cs, Leong Quong Chy, President Coolidge, Hongkong
PIMENTO—150 sks, Barclays Bank, Europa, Kingston
POPPYSEED—50 sks, P J Frawley, Damsterdijk, Rotterdam
RHUBARB ROOT—12 cs, S B Penick & Co, President Coolidge, Shanghai

SESAME SEED—10 cs, Pacific Trading Co, Yamazato, Kobe
112 sks, Otto Gerdau Co, President Coolidge, Hongkong
280 sks, Wm G Searlett & Co, President Coolidge, Hongkong
SOAP—1 cs, San Francisco Bay Exposition, Chichibu, Yokohama
SODA, CYANIDE—500 tons, American Cyanamid & Chemical Corpn, Damsterdijk, Rotterdam
STARCH—50 cs, Fung Chong, President Coolidge, Hongkong
TAPIOCA FLOUR—156 cs, Ti Hang Lung & Co, President Coolidge, Hongkong

Savannah Imports

CHEMICALS—25 pkgs, Trafalger, Gothenburg

Seattle Imports

BLEACHING POWDER — 30 cs, Parthenia, Liverpool

EARTH, COLORED—120 sks, S Lee Smith & Co, Rialto, Genoa
10 bbls, L H Butcher Co, Rialto, Genoa
GINGER, ROOT—84 sks, Parthenia, Liverpool
IRON OXIDE — 30 bbls, L H Butcher Co, Rialto, Genoa
POTASH, MURIATE—432,000 kilos, 2,000 sks, Wilson & George Meyer & Co, Weser, Bremen
SULPHATE—500 sks, Wilson George Meyer & Co, Bremen
SILICA SAND—250 tons, Balfour, Guthrie & Co, Oregon, Antwerp

Tacoma Imports

POTASH MURIATE — 500 sks, Wilson & George Meyer & Co, Weser, Bremen

Tampa Imports

COCONUTS—113,000, Beloit, Roatan

Exports from U.S. Ports

New York Exports

Clearance Dates

Alex Van Opstal, October 29; Amapala, November 5; American Banker, November 4; American Importer, November 4; Argentino, November 4; Artigas, November 5; Australind, November 1; Batory, October 25; Black Condor, November 5; Black Eagle, October 8; Black Osprey, November 9; Borinquen, October 27; Caledonia, November 2; Clan Maciver, November 5; Comanchee, November 10; Conte Savoia, November 10; Deutschland, November 2; Drottningholm, November 3; Estrella, November 5; Europa, November 5; Exchange, November 3; Exiria, November 10; Franconia, October 28; General Gassouin, November 1; G D D, November 4; Gerolstein, November 4; Hamburg, November 9; Ingerfire, November 7; International, November 15; Manhattan, November 2; Mormacport, October 29; N Ejov, November 10; Nieuw Amsterdam, November 7; Normandie, November 10; Oriente, November 4; Parnahyba, November 9; Porto Rico, November 5; Sagadohoc, October 29; Samaria, November 4; Santa Lucia, November 4; Sanyo, November 7; Saturnia, November 4; Scanpenn, November 5; Standard, November 10; Toronto City, November 4; Translyvania, November 9; Troubador, November 5; West Cusseta, November 5; Westernland, October 28

ACETONE—38,140 lbs, Black Eagle, Rotterdam
ACID, MALEIC—799 lbs, Hamburg, Hamburg
MURIATIC—9,650 lbs, Sagadohoc, Capetown
SALICYLIC—7,043 lbs, Argentino, Santos
ALCOHOL—(Blankaholm) 1,880 lbs, Gothenburg; 2,820 lbs, Stockholm
FURFURYL—1,650 lbs, Black Eagle, Rotterdam
ALUMINA, OXIDE—1,700 lbs, Hamburg, Hamburg
AMMONIA, ANHYDROUS—(Sagadohoc) 6,805 lbs, Capetown; 6,940 lbs, Durban
AMYL ACETATE—4,140 lbs, Troubador, Rio de Janeiro
ANTIMONY, SULPHIDE—2,454 lbs, Samaria, Liverpool
ASPHALT—(Sagadohoc) 194,998 lbs, Durban; 444,443 lbs, Port Elizabeth; 233,050 lbs, Capetown; 79,688 lbs, Black Condor, Antwerp; 39,338 lbs, Saturnia, Trieste; 11,141 lbs, Manhattan, Havre; 14,506 lbs, Parnahyba, Santos; 6,600 lbs, American Banker, London
GILSONITE—85,061 lbs, N Ejov, Leningrad
LIQUID—4,544 lbs, Black Osprey, Rotterdam
SOLID—51,357 lbs, American Importer, Manchester
BENZENE—22,000 gls, Sagadohoc, Capetown/option
BENZOL—1,155 gls, Standard, Aruba
BLEACHING POWDER—67,810 lbs, Troubador, Buenos Aires; 8,014 lbs, Oriente, Havana
BUTYL ACETATE—4,840 lbs, Mormacport, Stockholm; 10,143 lbs, Black Osprey, Rotterdam; 3,087 lbs, Scanpenn, Helsingborg
CALCIUM, CHLORIDE — 25,088 lbs, Clan Maciver, Capetown
CYANIDE—29,300 lbs, Australind, Sydney
CASEIN—528 lbs, Manhattan, Havre
CHALK, PRECIP—11,204 lbs, Argentino, Buenos Aires
CHEMICALS—(Mormacport) 8,634 lbs, Stockholm; 3,865 lbs, Helsingfors
CLEANER—6,200 lbs, Sagadohoc, Durban
COCOA BUTTER—24,311 lbs, Australind, Sydney; 174,354 lbs, G D D, Montreal
DEXTRIN, CORN—7,100 lbs, Franconia, London
DICHLORODIFLUOROMETHANE — 732 lbs, Black Osprey, Rotterdam
DIETHYLENEGLYCOL—24,750 lbs, Caledonia, Glasgow
DIPHENYLOXIDE—1,224 lbs, American Importer, Manchester
DISINFECTANT—13,941 lbs, American Importer, Manchester
DRUGS—1,117 lbs, Exiria, Piraeus; 6,269 lbs, American Banker, London
DYES—2,536 lbs, Argentino, Santos; 33,885 lbs, Black Condor, Antwerp; 6,521 lbs, Black Eagle, Rotterdam; 2,019 lbs, Manhattan, Havre; 3,328 lbs, Black Osprey, Rotterdam; 2,019 lbs, Manhattan, Hamburg; 6,520 lbs, Black Eagle, Rotterdam; 679 lbs, Hamburg, Hamburg
FERROTITANIUM—25,798 lbs, West Cusseta, Havre
GASOLINE—2,200 gls, Australind, Brisbane
GLUCOSE — 13,357 lbs, American Importer, Liverpool; 1,089 lbs, Parnahyba, Santos; 3,358 lbs, Clan Maciver, Port Elizabeth
GLUE—1,175 lbs, Sagadohoc, Capetown
HIDE—4,440 lbs, Drottningholm, Gothenburg
SOLID—14,100 lbs, Clan Maciver, Durban
GRAPHITE, POWD — 12,066 lbs, Hamburg, Hamburg
GREASE, LUBRICATING — 130,741 lbs, Samaria, Liverpool; 49,450 lbs, Deutschland, Hamburg; (Argentino) 1,322 lbs, Rio de Janeiro; 13,728 lbs, Santos; (Sagadohoc) 1,802 lbs, Capetown; 93,590 lbs, Durban; 12,015 lbs, Lourenco Marques; 11,150 lbs, Beira; 2,526 lbs, Dar Salaam; (Australind) 5,920 lbs, Brisbane; 35,815 lbs, Sydney; 12,402 lbs, Adelaide; (Mormacport) 7,891 lbs, Copenhagen; 8,686 lbs, Helsingfors; (Estrella) 4,540 lbs, Lisbon; 3,720 lbs, Casablanca; 30,408 lbs, Haiphong; 1,324 lbs, Troubador, Rio Grande; 29,244 lbs, Franconia, London; 12,144 lbs, Black Condor, Amsterdam; (American Importer) 15,982 lbs, Liverpool; 80,146 lbs, Manchester; (Exchange) 17,646 lbs, Piraeus; 7,226 lbs, Istanbul; (Blankaholm) 2,396 lbs, Gothenburg; 10,269 lbs, Stockholm; 18,141 lbs, Artigas, Manchester; 950 lbs, Saturnia, Lisbon; 55,532 lbs, West Cusseta; Dunkirk; 10,647 lbs, Black Eagle, Rotterdam; 22,897 lbs, Manhattan, Havre; 7,047 lbs, Conte di Savoia, Genoa; 33,421 lbs, Caledonia, Glasgow; (Clan Maciver) 4,640 lbs, Port Elizabeth; 15,842 lbs, East London; 141,608 lbs, Durban; 12,899 lbs, Lourenco Marques; 5,162 lbs, Beira; 32,344 lbs, Hamburg, Hamburg; 32,106 lbs, Exiria, Piraeus; 149,777 lbs, American Banker, London; 48,998 lbs, Scanpenn, Stockholm
GUM, SYNTH—1,170 lbs, Hamburg, Hamburg
HYDROGEN, PEROXIDE—9,880 lbs, Sagadohoc, Durban
INDIGO PASTE — 49,140 lbs, Black Osprey, Rotterdam
INK, PRINTING — 30,220 lbs, Troubador, Buenos Aires; 59,008 lbs, Argentino, Montevideo; 9,828 lbs, Conte Savoia, Genoa
IODINE, CRUDE—1,638 lbs, Franconia, London
INSECTICIDE, AGRIC—2,290 lbs, Black Condor, Antwerp; 2,332 lbs, Scanpenn, Oslo
IRON OXIDE—2,774 lbs, Blankaholm, Stockholm; 2,672 lbs, Manhattan, Havre
LACQUER—(Argentino) 2,902 lbs, Rio de Janeiro; 3,059 lbs, Montevideo
COLORED—6,084 lbs, Sagadohoc, East London
LARD—105,980 lbs, Samaria, Liverpool; 120,900 lbs, Deutschland, Czechoslovakia; 6,900 lbs, Sagadohoc, Capetown; 22,020 lbs, Borinquen, San Juan; 464,783 lbs, Franconia, London; 68,863 lbs, Black Condor, Antwerp; 16,815 lbs, Alex Van Opstal, Antwerp; (American Importer) 30,550 lbs, Liverpool; 137,133 lbs, Manchester; 467,350 lbs, Toronto City, Bristol; 40,474 lbs, Manhattan, Havre; 21,634 lbs, New Amsterdam, Rotterdam; (Westernland) 8,973 lbs, Southampton; 31,500 lbs, Antwerp; 109,057 lbs, Caledonia, Glasgow; 20,756 lbs, Porto Rico, Mayaguez; 112,733 lbs, Hamburg, Hamburg; 585,235 lbs, American Banker, London; 271,863 lbs, Scanpenn, Czechoslovakia
LEAVES—715 lbs, Hamburg, Hamburg
LINSEED CAKE—225,660 lbs, Samaria, Liverpool; 339,875 lbs Manhattan, Havre; (Black Eagle) 330,690 lbs, Rotterdam; 1,804,120 lbs, Rotterdam-Amsterdam; 902,602 lbs, West Cusseta, Havre; 453,895 lbs, Scanpenn, Stockholm
MAGNESIA, CHLORIDE—24,215 lbs, Franconia, London
METALLIC—2,592 lbs, Franconia, London
MALEIC ANHYDRIDE—5,825 lbs, American Importer, Liverpool
METHANOL—1,100 gls, Australind, Melbourne; 1,100 gls, Scanpenn, Gothenburg
METHYL CHLORIDE—556 lbs, Westernland, Antwerp
MINERAL SPTS—2,000 gls, Parnahyba, Santos
MOLYBDENUM, CONCE—62,557 lbs, Hamburg, Hamburg
NAPHTHA—1,000 gls, Estrella, Loanda
OIL, BRIGHT STOCK—230 tons, Comanchee, London-Manchester
CASTOR—2,538 lbs, Black Eagle, Rotterdam
COOKING—3,323 lbs, Borinquen, San Juan
CORN—(Sagadohoc) 1,258 lbs, Durban; 2,263 lbs, Port Elizabeth; 13,826 lbs, Capetown; 5,239 lbs, Lourenco Marques; (Clan Maciver) 1,500 lbs, Capetown; 1,502 lbs, Port Elizabeth; 1,510 lbs, Lourenco Marques
ESSENTIAL—410 lbs, Deutschland, Hamburg; 1,119 lbs, Hamburg, Hamburg
LINSEED—6,306 lbs, Porto Rico, San Juan
LUBRICATING—80,025 gls, Samaria, Liverpool; 196,916 gls, Deutschland, Hamburg; 2,575 gls, Argentino, Rio de Janeiro; 9,121 gls, Santos; 6,600 gls, Buenos Aires; (Sagadohoc) 210 gls, East London; 1,725 gls, Port Elizabeth; 16,195 gls, Capetown; 39,340 gls, Durban; 7,800 gls, Lourenco Marques; 2,145 gls, Beira; 2,975 gls, Dar Salaam; 1,430 gls, Amapala, Kingston; (Australind) 36,080 gls, Brisbane; 68,140 gls, Sydney; 8,275 gls, Melbourne; 14,135 gls, Adelaide; 53,790 gls, Fremantle; (Santa Lucia) 2,125 gls, Panama; 1,700 gls, Buenaventura; 2,909 gls, Callao; (Mormacport) 11,855 gls, Copenhagen; 6,655 gls, Stockholm; 16,950 gls, Helsingfors; 825 gls, Viipuri; (Esterlla) 25,359 gls, Lisbon; 1,870 gls, Casablanca; 550 gls, Gibraltar; 8,480 gls, Marseilles; 440 gls, Tunis; 275 gls, Port Louis; 165 gls, Oran; 2,475 gls, Haiphong; (Gerolstein) 2,645 gls, Rotterdam; 4,160 gls, Amsterdam; 825 gls, Strasbourg; 3,855 gls, Antwerp; (Troubador) 990 gls, Rio de Janeiro; 4,740 gls, Rio Grande; 16,250 gls, Franconia, London; (Black Condor) 2,990 gls, Antwerp; 2,200 gls, Berne; 2,750 gls, Amsterdam; (Alex Van Opstal) 3,575 gls, Switzerland; 880 gls, Antwerp; 1,650 gls, Brussels; 550 gls, Boma; 4,950 gls, Matadi; 3,575 gls, Ghent; (American Importer) 9,172 gls, Belfast; 8,140 gls, Manchester; 330 gls, Drottningholm, Malmo; (Exchange) 495 gls, Tunis; 1,475 gls, Piraeus; 2,750 gls, Thessalonica; 4,840 gls, Istanbul; (Blankaholm) 275 gls, Gothenburg; 660 gls, Malmo; 3,300 gls, Toronto City, Cardiff; 2,750 gls, Artigas, Manchester; (Saturnia) 1,512 gls, Lisbon; 4,400 gls, Algiers; 630 gls, Susak; (West Cusseta) 1,260 gls, Havre; 7,975 gls, Dunkirk; (Black Eagle) 2,820 gls, Rotterdam; 1,470 gls, Amsterdam; (Manhattan) 7,130 gls, Havre; 1,540 gls, Hamburg; 3,400 gls, Argentino, Montevideo; 30,198 gls, Conte Savoia, Genoa; 16,275 gls, Nieuw Amsterdam, Rotterdam; 1,935 gls, Sanyo, London; 1,770 tons, Comanchee, London-Manchester; 995 gls, Transylvania, Glasgow; (Parnahyba) 2,650 gls, Rio de Janeiro; 1,650 gls, Santos; 60,900 gls, Hamburg, Hamburg; (Exiria) 6,720 gls, Casablanca; 39,600 gls, Piraeus; 19,870 gls, American Banker, London; (Scanpenn) 3,795 gls, Gothenburg; 1,264 gls, Gdynia; 798 gls, Danzig; 4,125 gls, Stockholm; (Clan Maciver) 3,575 gls, Capetown; 165 gls, Walvis Bay; 1,815 gls, East London; 2,500 gls, Durban; 880 gls, Lourenco Marques; 495 gls, Beira; 275 gls, Mozambique; 1,680 gls, Westernland, Antwerp; 16,777 gls, Caledonia, Glasgow
NEUTRAL—1,036 tons, Comanchee, London-Manchester
OLEO—208,079 lbs, Black Condor, Antwerp; (Drottningholm) 23,826 lbs, Gothenburg;

OIL, OLEO (Continued):—
25,773 lbs, Stockholm; 11,817 lbs, Black Eagle, Rotterdam; 21,435 lbs, Transylvania, Glasgow; 7,873 lbs, Caledonia, Glasgow
PALE—870 tons, General Gassouin, Antwerp; 230 tons, Comanchee, London-Manchester
PEPPERMINT—2,726 lbs, Deutschland, Hamburg; 1,373 lbs, American Banker, London
PINE—2,857 lbs, Conte Savoia, Naples
TRANSFORMER — 2,100 gls, Gerolstein, Strassbourg; 550 gls, Nieuw Amsterdam, Rotterdam
VALVE—640 tons, Comanchee, London-Manchester
PAINT—68,359 lbs, Sagadohoc, Port Elizabeth; 1,156 lbs, Borinquen, San Juan; 10,777 lbs, Estrella, Casablanca; 4,849 lbs, Black Condor, Antwerp; 3,144 lbs, Alex Van Opstal, Antwerp; 5,569 lbs, Black Eagle, Rotterdam; 2,511 lbs, Argentino, Rio de Janeiro; (Porto Rico) 2,452 lbs, San Juan; 2,798 lbs, Ponce
ASPHALT—6,288 lbs, Artigas, Glasgow
THINNER—1,310 gls, Clan Maciver, Port Elizabeth
PASTE, ADHESIVE—14,776 lbs, American Banker, London
LINOLEUM—33,405 lbs, American Banker, London
PARAFFIN—48,561 lbs, Deutschland, Hamburg; 7,392 lbs, Argentino, Rio Janeiro; 7,789 lbs, Mormacport, Copenhagen; 22,306 lbs, Estrella, Leixoes; 2,224 lbs, Gerolstein, Amsterdam; 34,030 lbs, Franconia, London; 11,122 lbs, Black Condor, Antwerp; 126,044 lbs, Exchange, Piraeus; (Artigas) 90,528 lbs, Manchester; 33,776 lbs, Dublin; 4,788 lbs, Black Osprey, Rotterdam; (Black Eagle) 11,122 lbs, Rotterdam; 24,468 lbs, Amsterdam; 22,244 lbs, Conte Savoia, Naples; 12,144 lbs, Transylvania, Glasgow; 25,902 lbs, Parnahyba, Santos; (Scanpenn) 22,331 lbs, Memel; 4,449 lbs, Stockholm; 56,299 lbs, Helsingfors; 11,188 lbs, Caledonia, Glasgow
REFINED—33,608 lbs, Exchange, Istanbul
SCALE—(Black Eagle) 32,306 lbs, Rotterdam; 155,105 lbs, Amsterdam
PETROLATUM, MEDICINAL — 2,626 lbs, Sagadohoc, Durban
PITCH, COALTAR—5,250 tons, Ingerfire, Sete
POTASH, BICHROMATE — 11,912 lbs, Estrella, Leixoes
XANTHATE—17,880 lbs, Australind, Adelaide
PROPANE—3,546 lbs, Sagadohoc, Capetown
PYRETHRUM EXTRACT—5,751 lbs, Sagadohoc, Durban
RESIN, SYNTHETIC—6,210 lbs, American Importer, Liverpool; 2,300 lbs, Blankaholm, Gothenburg; (Manhattan) 22,588 lbs, Havre; 4,398 lbs, Hamburg; 10,411 lbs, Nieuw Amsterdam, Rotterdam
ROSIN—1,388 lbs, Alex Van Opstal, Antwerp; 12,868 lbs, American Importer, Liverpool
RUBBER ACCELERATOR—16,380 lbs, Samaria, Liverpool
SOAP—10,400 lbs, Argentino, Rio de Janeiro; (Porto Rico) 5,550 lbs, San Juan; 3,975 lbs, Aguadilla; 8,400 lbs, Ponce; 8,400 lbs, Mayaguez
TOILET—68,000 lbs, Statendam, Amsterdam
SODA, ASH—(Sagadohoc) 3,870 lbs, Port Elizabeth; 9,370 lbs, Capetown; 26,560 lbs, American Importer, Liverpool; 39,124 lbs, Oriente, Havana; 18,120 lbs, Argentino, Montevideo; 7,580 lbs, American Banker, London
BICARBONATE—69,615 lbs, Santa Lucia, Buenaventura; 3,600 lbs, Estrella, Lisbon; 40,515 lbs, Clan Maciver, Capetown; 2,995 lbs, Porto Rico, Ponce
BICHROMATE — 10,071 lbs, Mormacport, Copenhagen
CAUSTIC—71,850 lbs, Argentino, Rio de Janeiro; (Sagadohoc) 2,130 lbs, Port Elizabeth; 33,950 lbs, Capetown; 55,680 lbs, Santa Lucia, Buenaventura; 55,510 lbs, Oriente, Havana
HYDROSULPHITE — 3,690 lbs, Argentino, Santos
PHOSPHATE—4,000 lbs, International, Chambly
PHOSPHATE, TRI—100,000 lbs, International, Chambly
STARCH—5,121 lbs, American Importer, Manchester
CORN—8,094 lbs, Sagadohoc, Durban; 3,592 lbs, Borinquen, Ciudad; 67,000 lbs, Franconia, London; 11,280 lbs, Drottningholm, Landskrona; 1,880 lbs, Saturnia, Ponta Delgada; 2,800 lbs, Hamburg, Hamburg; 902 lbs, Clan Maciver, Lourenco Marques
SULPHUR—18,080 lbs, Australind, Sydney
TALC—4,120 lbs, Franconia, London
TALLOW—65,443 lbs, Black Osprey, Rotterdam
TOILET PREPS—74,077 lbs, Nieuw Amsterdam, Rotterdam
TURPENTINE—1,000 gls, Argentino, Santos; 1,500 gls, Parnahyba, Rio de Janeiro
VALERIAN ROOT—1,100 lbs, Alex Van Opstal, Antwerp
VARNISH—2,037 lbs, Black Condor, Antwerp; 2,464 lbs, Drottningholm, Gothenburg; 2,360 lbs, Argentino, Buenos Aires
WHITING—24,969 lbs, Alex Van Opstal, Antwerp
WITCH HAZEL EXTRACT—754 lbs, Caledonia, Glasgow
ZINC OXIDE—5,410 lbs, American Importer, Manchester

Baltimore Exports
Clearance Dates

Clevelander, November 13; Exchester, November 15; Hildur, I, November 15; Manchester Exporter, November 12; Mathilda Thorden, November 9; Quaker City, November 10; Robin Gray, November 9; San Felipe, November 10; Tiradentes, November 9; Zenda, November 17

ALCOHOL, BUTYL—26,784 lbs, Robin Gray, Durban
ASPHALT, SOLID—257,704 lbs, Quaker City, Liverpool; 207,428 lbs, Manchester Exporter, Liverpool
CALCIUM ARSENATE—442,500 lbs, San Felipe, Peru
CHEMICALS—593 lbs, Quaker City, Dublin
COLOR, DRY—100 lbs, Manchester Exporter, Manchester
ENAMEL—751 lbs, San Felipe, Panama
FURFURAL, TECH—20,500 lbs, Quaker City, Manchester
GLASS FRIT, CRSHD—10,000 lbs, Manchester Exporter, Manchester
GREASE, LUBRIC—9,287 lbs, Tiradentes, Rotterdam; (San Felipe) 500 lbs, Panama; 5,735 lbs, Chile; 26,250 lbs, Manchester Exporter, Manchester
LEAD ARSENATE—4,032 lbs, Robin Gray, Cape Town
OIL, ENGINE, RED—679 bbls, Tirandentes, Rotterdam
PAINT—84 lbs, San Felipe, Panama
POLISH, AUTO—5,200 lbs, Robin Gray, Durban; 220 gals, Mathilda Thorden, Stockholm
RUTILE—4,480 lbs, Manchester Exporter, Liverpool
SODA, ASH—446,600 lbs, Exchester, Istanbul
BICHROMATE—44,800 lbs, Manchester Exporter, Manchester
NITRATE—538 tons, Clevelander, Toronto
STARCH, CORN—496,320 lbs, Quaker City, Glasgow
SUPERPHOSPHATE—812 tons, Clevelander, Toronto; 1,948 tons, Hildur I, St Stephen, N B; 1,792 tons, Zenda, St Stephen, N B
VARNISH—451 lbs, San Felipe, Panama

Beaumont Exports
Clearance Date

Albert L Ellsworth, November 6

PETROLEUM, CRUDE—92,297 bbls, Albert L Ellsworth, Montreal

Boston Exports
Clearance Dates

American Traveler, November 14; Bilderdijk, November 15; Black Eagle, November 12; Georgic, November 13; Maidan, November 16; Metapan, November 15; President Van Buren, November 14; San Jose, November 17; Silveryew, November 10; Yarmouth, November 12 and 16

ABRASIVE—23 bgs, Maidan, London
AMMONIA—5 cs, 90 lbs, Yarmouth, Halifax
BLACK BONE—1,000 bgs, 225,000 lbs, San Jose, Kingston
BLUE, LAUNDRY—1 cs, 60 lbs, Yarmouth, Halifax, N S
BRISTLES—14 cs, 1,319 lbs, Yarmouth, St John, N B
CEMENT, CAN—85 dms, 425 gls, President Van Buren, Yokohama; 25 dms, 1,359 lbs, Maidan, London
RUBBER—7 dms, 375 gls, President Van Buren, Manila
CLAY—220 bbls, 80,605 lbs, American Traveler, Manchester; 379 bbls, 46 tons, Maidan, London
COTTON SOFTENING COMP—268 gls, Black Eagle, Antwerp
DRESSING, SHOE—47 cs, 2,141 lbs, Metapan, Havana
EMERY—30 kgs, 11,198 lbs, American Traveler, Manchester
FELDSPAR—175 bbls, 63,000 lbs, American Traveler, Manchester
FERTILIZER, COCOA CAKE—1,610 bgs, 253,920 lbs, Bilderdijk, Amsterdam; 129 bbls, 22,366 lbs, Black Eagle, Amsterdam
LEATHER SCRAP—102 bls, 70,145 lbs, Georgic, Madras
FINISH, SHOE—11 kgs, 110 gls, President Van Buren, Manila
FLUX—15 dms, 1,950 lbs, Maidan, London
GREASE, LUBRICATING—3 dms, 114 lbs, Georgic, Liverpool
SOAP—2 bbls, 1 dm, 878 lbs, Metapan, Havana
INK, INDELIBLE—1 crtn, Metapan, Fort Randolph
PRINTING—4 bbls, 1,600 lbs, Metapan, Havana
WRITING—1 cs, President Van Buren, Manila; (Metapan) 57 pkgs, 700 lbs, Havana; 2 pkgs, Metapan, Fort Randolph, C Z
LACQUER—5 dms, 260 gls, Black Eagle, Wiltz
LINING COMP—10 bxs, 740 lbs, Yarmouth, Yarmouth
MEDICINAL PREPS—12 cs, 892 lbs, Metapan, Havana; 394 bxs, 1,970 gls, Maidan, London
MOLASSES—(Bilderdijk) 36 bbls, 1,980 gls, Rotterdam; 50 bbls, 2,750 gls, Amsterdam
MUCILAGE—2 pkgs, 34 lbs, Metapan, Fort Randolph, C Z
OIL, COALTAR—10 dms, 5,396 lbs, Metapan, Havana
CODLIVER—1 dm, 55 gls, President Van Buren, Manila
HALIBUT LIVER—18 cs, 1,366 lbs, Maidan, London
LUBRICATING—(Georgic) 5 cs, 75 gls, Liverpool; 5 bbls, 283 gls, Chromepet
SPERM, SULPHONATED—1 dm, 5 gls, Georgic, Leicester
PASTE, ADHES—3 cs, 460 lbs, President Van Buren, Manila; 3 bbls, 180 gls, Metapan, Havana; 82 dms, 4,440 lbs, Maidan, London
PEPPER, WHITE—1 cs, 114 lbs, Silveryew, Manila
POLISH, STOVE—75 cs, 2,586 lbs, Yarmouth, St John, N B
ROSIN—40 bbls, 20,000 lbs, Yarmouth, Halifax
SILICON CARBIDE—630 bgs, and 3 kgs, 66,281 lbs, Maidan, London
SOAP, MEDICATED—2 cs, 315 lbs, President Van Buren, Honolulu
SODA, ALUMINA SULPHATE—9 bbls, 3,015 lbs, Yarmouth, St John, N B
SULPHIDE—2 dms, 884 lbs, Yarmouth, Windsor, N S
TANNING BATE—1 dm, 275 lbs, Yarmouth, Windsor, N S
TOILET PREPS—6 pkgs, 292 lbs, Metapan, Puerto Castilla
TURPENTINE, GUM—15 dms, 5,775 lbs, Yarmouth, Halifax
WAX, FLOOR—1 cs, 100 lbs, Yarmouth, St John, N B
SHOE—17 cs, 867 lbs, Metapan, Havana

Corpus Christi Exports
Clearance Dates

Henning Maersk, October 10; Lorraine, October 17; Lubrafol, October 31; Motrix, November 7; Petrofina, November 7; Regina, October 31; Roxane, November 3; Senator, October 27; Slemdal, October 28; Thelma, November 4

GASOLINE—5,884 bbls, Lorraine, Havre; 82,658 bbls, Slemdal, Lands' End
OIL, FUEL—32,157 bbls, Senator, Copenhagen; 67,595 bbls, Lubrafol, Goteborg
PETROLEUM, CRUDE—110,306 bbls, Henning Maersk, Havre; 106,262 bbls, Lorraine, Havre; 35,016 bbls, Senator, Copenhagen; 101,050 bbls, Regina, Goteborg; 90,440 bbls, Roxane, Berre France; 87,539 bbls, Thelma, Trieste; 111,966 bbls, Petrofina, Dunkirk; 67,363 bbls, Motrix, Sette France

Galveston Exports
Clearance Dates

Blommersdijk, November 9; Cymbula, November 14; Effingham, November 15; Tillie Lykes, November 15; Vigor, November 15

ASPHALT, GILSONITE—20 tons, Effingham, Havre
GASOLINE — 11,000 tons, Cymbula, United Kingdom
OIL, GAS—8,000 tons, Vigor, London
POTASH MURIATE—(Tillie Lykes) 50 tons, San Juan; 50 tons, Arecibo
SULPHUR—(Blommersdijk) 30 tons, Sulphur, London; 30 tons, Rotterdam; 25 tons, Effingham, Havre; 5 tons, Tillie Lykes, San Juan
TRIPOLI—(Blommersdijk) 10 tons, Antwerp; 40 tons, Amsterdam

Houston Exports
Clearance Dates

Alberta, November 14; Blommersdijk, November 9; Bonzo, November 12; Brazos, November 12; Buccaneer, November 9; Cordelia, November 10; Historian, November 12; Margaret Lykes, November 15; Tillie Lykes, November 14; Mathias Stinnes, November 11; Naeco, November 11; Standella, November 12; Syros, November 15; Vav, November 11

BLACK, CARBON—(Blommersdijk) 160 tons, London; 212 tons, Rotterdam; (Mathias Stinnes) 1,000 bgs, Manchester; 100 tons, London; (Historian) 5,100 bgs, 127 cs, Liverpool; 12,958 bgs, 161 cs, Manchester; 1,120 bgs, Cork via Liverpool; (Alberta) 1,323 bgs, Trieste; 2,336 bgs, Venice; 300 bgs, Bourgas via Venice-Trieste; 15 cs, Piraeus via Venice-Trieste
COTTONSEED MEAL—3,588 bgs, Blommersdijk, Rotterdam
GASOLINE — 8,500 tons, Buccaneer, France; 20,000 bbls, Cordelia, Montreal; 7,000 tons, Vav, United Kingdom; (Naeco) 41,000 bbls, San Juan; 11,000 bbls, Mayaguez; 17,000 bbls, Ponce; 2,637 tons, Standella, United Kingdom
KEROSENE — 3,547 tons, Standella, United Kingdom
LIME—15 tons, Tillie Lykes, San Juan
LUBRICANTS—546 bbls, 75 half bbls, 30 ctgs, Syros, Genoa
OCTYLENES, HYDROLIZED — 2,178 tons, Standella, United Kingdom
OIL—20 tons, Margaret Lykes, Havana
COTTONSEED FOOTS—250 bbls, Historian, Liverpool
FUEL—11,600 tons, Bonzo, La Spezia
LUBRICATING—30 bbls, Syros, Genoa; 700 tons, Alberta, Trieste
PETROLEUM, CRUDE—70,000 bbls, Cordelia, Montreal

Lake Charles Exports
Clearance Dates

Aquarius, November 8; Caprella, November 7; Cordita, November 2; Kiel, November 10; Almeria Lykes, November 6; Tillie Lykes, October 16; Nyholt, November 11; Oakman, November 5; Volunteer, November 11

LARD—(Tillie Lykes) 300 tins, Mayaguez; 375 tins, Ponce; 1,212 tins, San Juan
OIL, PINE—11 dms, Volunteer, Havre
ROSIN—100 dms, Oakman, Glasgow; 300 dms, Aquarius, London; 102 dms, Kiel, Hamburg
PETROLEUM, CRUDE—88,834 bbls, Cardita, Montreal; 88,968 bbls, Caprella, Montreal; 88,122 bbls, Nyholt, Venice
TURPENTINE—76 pkgs, Almeria Lykes, Port au Prince

Los Angeles Exports
Clearance Dates

Albertolite, November 7; Amerika, November 4; Azumasan, November 4; Bidevind, November 10; Charcas, November 7; City of Newport News, November 5; Damsterdyk, November 4; Hoegh Merchant, November 5; Kentuckian, November 4; Norfolk, November 5; Nyhorn, November 4; President Monroe, November 7; Rosebank, November 7; Scottish Star, November 3; Sofie Bakke, November 7; Wisconsin, November 3

ACETONE—154 dms, 55,140 lbs, Lockmonar, Amsterdam
ACID, BORIC—(Scottish Star) 200 bgs, 22,400 lbs, Rotterdam; 1,000 bgs, 112,000 lbs, Liverpool; 200 bgs, 22,400 lbs, London; 200 bgs, 22,400 lbs, Glasgow, 40 bgs, 4,480 lbs, Hoegh Merchant, Madras; 11 bgs, 1,100 lbs, Norfolk, Cali; 200 bgs, 22,400 lbs, Lockmonar, Glasgow
CRESYLIC—(Charcas) 1,750 lbs, Amapala; 1,250 dms, 558,630 lbs, Valparaiso
MURIATIC—2,800 lbs, Norfolk, Cali
ALCOHOL, ANHYD—62 dms, 22,200 lbs, Wisconsin, Amsterdam; 31 dms, 11,100 lbs, Lockmonar, Amsterdam
DIACETONE—10 dms, 4,290 lbs, Wiscon, Amsterdam
BLUE, VITRIOL—2,400 lbs, Norfolk, Cali
BORATE—780 bgs, 133,700 lbs, Amerika, Copenhagen
BORAX—3,000 bgs, 326,000 lbs, Nyhorn, Cardiff; (Scottish Star) 4,000 bgs, 448,000 lbs, Rotterdam; 3,140 bgs, 369,600 lbs, Liverpool; 2,660 bgs, 313,600 lbs, London; 760 bgs, 89,600 lbs, Glasgow; 1,293 bgs, 143,570 lbs, Wisconsin, Antwerp; (Hoegh Merchant) 20 pkgs, 2,240 lbs, Madras; 100 bgs, 11,250 lbs, Bombay; (Norfolk) 44 bgs, 4,400 lbs, Cali; 40 bgs, 4,410 lbs, Valparaiso; 1,360 bgs, 156,800 lbs, Sofie Bakke, Manchester; 760 bgs, 89,600 lbs, Lockmonar, Glasgow
BUTYL ACETATE—28 dms, 11,030 lbs, Wisconsin, Amsterdam
CHALK, PRECIP—650 lbs, Norfolk, Guadalajara
CLAY, FILTER—3,000 pkgs, 150,000 lbs, Wisconsin, Notre Dame
COALTAR—3,000 lbs, Norfolk, Puntarenas
COTTON LINTERS—953 bls, 449,400 lbs, Azumasan, Kobe; 60 bls, 30,840 lbs, Rosebank, Vancouver; 1,500 bls, 817,600 lbs, Sofie Bakke, Manchester
DIATOMACEOUS EARTH—(Hoegh Merchant) 20 bgs, 2,000 lbs, Manila; 125 bgs, 10,190 lbs, Batavia; 3,020 bgs, 306,500 lbs, Rosebank, Vancouver; 110 sks, 11,000 lbs, Charcas, Valparaiso; 551 bgs, 55,100 lbs, Nyhorn, London (Wisconsin) 551 bgs, 55,100 lbs, Dunkirk; 218 bgs, 22,130 lbs, Antwerp; 486 bgs, 44,710 lbs, Sofie Bakke, Manchester; 560 bgs, 56,000 lbs, Lochmonar, Glasgow; (Amerika) 275 bgs, 22,410 lbs, London; 217 bgs, 22,030 lbs, Aarhus
ETHYL KETONE—120 dms, 43,920 lbs, Wisconsin, Havre
FILM SCRAP—10,070 lbs, Wisconsin, Paris
GASOLINE—(Charcas) 150 dms, 49,330 lbs, Amapala; 2,500 dms, 824,240 lbs, Puntarenas
GELATIN—5 cs, 530 lbs, Hoegh Merchant, Bombay
INSECTICIDE—1,400 lbs, Hoegh Merchant, Batavia
ISOPROPYL ETHER—34 dms, 11,180 lbs, Wisconsin, Amsterdam
KEROSENE—5,000 cs, 425,000 lbs, Hoegh Merchant, Cebu
LACQUER, BASE—(Hoegh Merchant) 550 lbs, Madras; 810 lbs, Bombay
NITROCELLULOSE—2,940 lbs, President Monroe, Manila
THINNER—(Hoegh Merchant) 900 lbs, Madras; 7,060 lbs, Bombay
MOLYBDENUM CONCE—7,130 lbs, Wisconsin, Havre
OIL, DIESEL—2,913 bbls, 908,860 lbs, Norfolk, Coquimbo
FUEL—8,102 bbls, 2,697,970 lbs, Bidevind, Manila
LUBRICATING—18 cs, 1,800 lbs, Hoegh Merchant, Batavia; 47 pkgs, 4,660 lbs, President Monroe, Bangkok; 7 dms, 3,490 lbs, Norfolk, Callao
PECTIN, CITROUS—100 lbs, City of Newport News, Havana; 3,300 lbs, Amerika, London
PETROLEUM, CRUDE—66,340 lbs, 20,698,080 lbs, Albertolite, Vancouver
GAS, LIQ—59 cyls, 6,200 lbs, Rosebank, Vancouver; 40 cyls, 9,000 lbs, Hoegh Merchant, Bombay
POTASH NITRATE—22 bbls, 11,500 lbs, Norfolk, Cali
SODA ASH—(Hoegh Merchant) 134 bbls, 40,200 lbs, Manila; 6,000 bgs, 672,000 lbs, Madras
SAL—800 lbs, President Monroe, Manila
SULPHATE—200 lbs, Norfolk, Cali
SULPHUR (Norfolk) 209 bgs, 20,900 lbs, Manzanillo; 66 bgs, 6,600 lbs, Cali
TALC—20 sks, 2,240 lbs, Hoegh Merchant, Manila
GROUND—40 bgs, Charcas, Manzanillo
TOILET PREPS—(President Monroe) 790 lbs, Manila; 1,250 lbs, Bombay; (Charcas) 790 lbs, Guatemala; 400 lbs, Tegucigalpa; 410 lbs, San Salvador; 300 lbs, Charcas, Amapala; 300 lbs, Norfolk, Lima; 610 lbs, City of Newport News, Havana; 780 lbs, Amerika, Kingston; 300 lbs, Kentuckian, Ciudad

Mobile Exports
Clearance Dates

Dalvangen, November 7; Hopepeak, November 9; Primo, November 9; Wasgenwald, November 10

CLEANER—25 cs, Dalvangen, Georgetown
FULLER'S EARTH—18 bgs, Dalvangen, Kingston
ROSIN—100 dms, Primo, Maracaibo; (Wasgenwald) 141 dms, Hamburg; 98 dms, Bremen transshipment; 5 bbls, Dalvangen, Kingston
TOILET PREPS—1 bx, Primo, Oranjestad
TURPENTINE—20 cs, Hopepeak, Manila; (Dalvangen) 10 cs, Bridgetown; 12 dms, St Lucia

New Orleans Exports
Clearance Dates

Augval, November 8; Baja California, October 28; Blink, October 24; Breedijk, October 29; Burgerdijk, November 5; Cadmus, October 28; City of Omaha, November 5; Crawford Ellis, November 4; Hanover, October 31; Kellerwald, October 15; Lindvangen, October 25; Lysefjord, October 28; Nicolaou Maria, November 4; Santa Marta, October 25; Sinaloa, November 4; Syros, November 5; Toloa, November 2; Ulua, October 28; Vav, November 9; Vinni, November 9; West Hobomac, October 31

ANIMAL CHARCOAL—1 ton, City of Omaha, London
ASPHALT—76 tons, Kellerwald, Hamburg; (Hanover) 20 tons, Antwerp; 7 tons, Rotterdam; 10 dms, Lindvangen, Ciudad Trujillo; 140 tons, City of Omaha, London; 6 tons, Augvald, Antwerp
BAKING POWDER—200 ctns, Toloa, Tela
BENZOL—308,278 gls, Vav, Lands End
BLACK, BONE—2 tons, Augvald, Havre
CARBON—116 tons, Breedijk, London; 63 tons, Kellerwald, Hamburg; 24 tons, Hanover, Havre; (Burgerdijk) 6 tons, Antwerp; 28 tons, Rotterdam; 7 tons, West Hobomac, Manchester; 28 tons, Augvald, Havre; 82 tons, City of Omaha, London
BLUE VITRIOL—7,000 sx, Cadmus, Tela
CALCIMINE—1 ton, Ulua, Corinto
CALCIUM, ARSENATE—220 dms, Ulua, Callao
CLAY—5 tons, Breedijk, Rotterdam; (Burgerdijk) 46 tons, Antwerp; 9 tons, Rotterdam
COCOA WASTE—21 tons, Burgerdijk, Amsterdam
COTTONSEED MEAL—60 sx, Ulua, Panama
EARTH, INFUSORIAL—27 tons, Blink, San Nicholas
FIRECLAY—11 tons, Blink, Maracaibo; 12 tons, Hanover, Antwerp; 632 pkgs, Lindvangen, Willemstad; 34 tons, Ulua, Corinto
GASOLINE—300 bbls, Cadmus, Puerto Barrios; 908 cs, Lindvangen, Port au Prince; 32 tons, Augvald, Havre; (Crawford Ellis) 353 dms, 50 cs, Belize; 300 bbls, 100 cs, Puerto Cortez; 50 dms, 50 cs, Livingston; 30 dms, Sinaloa, Bluefields
GLUCOSE—35 bbls, Ulua, Havana
GREASE, LUBRICATING—7 dms, 241 ctns, Santa Marta, Puerto Barrios; 10 dms, Toloa, Tela
GUM, CHICLE—23 tons, City of Omaha, London
INK—8 dms, Ulua, Havana
KEROSENE—16 dms, 103 cs, Baja California, Bluefields; 75 cs, Ulua, Puerto Limon; 200 cs, Toloa, Tela; (Crawford Ellis) 150 cs, 200 dms, Belize; 15 dms, 70 cs, Livingston; 200 cs, Sinaloa, Bluefields
LARD — 25 tons, Blink, Maracaibo; (Santa Marta) 305 tins, 47 crts, Belize; 200 tins, Puerto Barrios; 388 tins, 1,200 dms, Lysefjord, Santiago; (Ulua) 18 cs, 925 tins, 600 dms, Havana; 100 crts, Corozal; 60 crts, Puerto Limon; 100 tins, Puntarenas; 250 tins, Guayaquil; (Lindvangen) 150 tins, 20 cs, Port au Prince; 200 tins, Ciudad Trujillo; 100 tins, Puerto Cabello; 5,980 pkgs, La Guaira; 600 tins, Toloa, Puerto Barrios; 200 tins, Crawford Ellis, Belize
LIME—6,804 sx, Cadmus, Puerto Barrios
LINSEED MEAL—20 sx, Ulua, Panama
MANDRAKE ROOT—14 tons, City of Omaha, London
OIL, FUEL—25 dms, Cadmus, Puerto Barrios; 900 bbls, Lindvangen, Moengo; (Crawford Ellis) 10 dms, Puerto Cortez; 30 dms, Livingston
GAS—28 dms, Crawford Ellis, Livingston
LUBRICATING—30 tons, Breedijk, Rotterdam; 12 dms, 15 crts, 17 cs, 8 ctns, Santa Marta, Puerto Barrios; (Hanover) 22 tons, Antwerp; 28 tons, Rotterdam; 20 dms, Ulua, Cartagena; 200 pkgs, Syros, Genoa; (Burgderdijk) 4 tons, Antwerp; 26 tons, Amsterdam; 5 tons, West Hobomac, Manchester; (Augvald) 94 tons, Havre; 27 tons, Dunkirk; 37 tons, Antwerp; 185 dms, Toloa, Tela; 12 dms, 15 crts, 40 cs, Crawford Ellis, Belize; 15 dms, Sinaloa, Bluefields; 110 dms, Lindvangen, Ciudad Trujillo
REFINED—100 cs, Ulua, Puerto Limon; (Crawford Ellis) 70 dms, 50 cs, Belize; 300 cs, Puerto Cortez
PINE—1 ton, Breedijk, Rotterdam; (Ulua) 4 dms, Amapala; 5 dms, Callao; 21 tons, City of Omaha, London; 2 tons, Toloa, Puerto Barrios
PAINT—1 ton, Baja California, Bluefields; 1 ton, Ulua, Corinto; 6 cs, Vinni, Osaka; 25 pkgs, Lindvangen, Moengo; 2 tons, Toloa, Puerto Barrios
PARAFFIN—(Breedijk) 33 tons, London; 2 tons, Rotterdam; 3 tons, Burgerdijk, Rotterdam; 21 tons, Augvald, Antwerp; (West Hobomac) 32 tons, Liverpool; 27 tons, Manchester; 62 tons, City of Omaha, London
PETROLATUM — 41 tons, Kellerwald, Hamburg; 98 tons, Burgerdijk, Antwerp; 28 tons, Augvald, Antwerp

PETROLEUM, CRUDE—8,496 tons, Nicolaou Maria, Hamburg
PINETAR—113 tons, City of Omaha, London
ROSIN—63 tons, West Hobomac, Liverpool
WOOD—(Ulua) 100 dms, Panama; 40 dms, Puerto Limon; 15 dms, Puntarenas; 21 tons, Burgerdijk, Antwerp; 12 tons, West Hobomac, Manchester; 59 tons, City of Omaha, London
SALT—25 tons, Santa Marta, Belize; 19 tons, Baja California, Bluefields; (Ulua) 50 tons, Havana; 42 tons, Cristobal; 1 ton, Puerto Limon; 1 ton, Toloa, Tela; 22 tons, Crawford Ellis, Belize; 2 tons, Sinaloa, Bluefields
SERPENTARIA ROOT—1 ton, City of Omaha, London
SHRIMP BRAN—20 sx, Ulua, Colon
SOAP—210 ctns, Baja California, Bluefields; 50 ctns, Sinaloa, Bluefields
SOAPSTOCK, COTTONSEED—6 tons, City of Omaha, London
STARCH—61 tons, Breedijk, London
CORN—305 tons, West Hobomac, Manchester
POWDERED—55 tons, City of Omaha, London
SULPHUR—1,000 tons, City of Omaha, London
TOBACCO EXTRACT — 1 ton, Kellerwald, Bremen-Hamburg transshipment
TRIPOLI—45 tons, City of Omaha, London
PULVERIZED—36 tons, Augvald, Havre
TURPENTINE—11 tons, Breedijk, London; 10 dms, Lysefjord; Santiago
WOOD PRESERVATIVE—24 dms, Ulua, Panama

Norfolk Exports
Clearance Dates

Black Tern, November 10; Gunny, November 17; Liberty, November 10; Montreal City, November 14; Prometheus, November 5; Schodack, November 7; Tiradentes, November 5; Weltevreden, November 16

ACID, ACETIC—1 bx, 40 lbs, Gunny, Trinidad
CLEANER—2 bxs, 254 lbs, Gunny, Trinidad
CORNFLOUR—220 bgs, 31,130 lbs, Montreal City, Cardiff
DEER TONGUE LEAVES—9 bls, 4,464 lbs, Tiradentes, Rotterdam
FORMALDEHYDE—1 bx, 35 lbs, Gunny, Trinidad
MEDICINAL PREPS—6 bxs, 204 lbs, Prometheus, Singapore; 2 bxs, 12 pkgs, Black Tern, Antwerp; 6 bxs, 204 lbs, Weltevreden, Penang
METHYL CHLORIDE—17 cyls, 7,597 lbs, Normacrey, Buenos Aires
MICA, PULV—(Black Tern) 480 bgs, 48,960 lbs, Antwerp; 100 bgs, 10,000 lbs, Rotterdam; (Liberty) 45 bgs, 4,590 lbs, London; 50 bgs, 5,100 lbs, Hamburg
OIL, CEDAR—3 dms, 1,320 lbs, Tiradentes, Amsterdam
SALAD—15 bxs, 855 lbs, Gunny, Trinidad
PAINT—37 pls, 1 bx, 3,069 lbs, Gunny, Trinidad
PASSION FLOWER HERB—17 bls, 4,646 lbs, Schodack, Hayre
POTASH, BROMIDE—280 cs, 36,960 lbs, Liberty, London
MURIATE—1,100 bgs, 242,506 lbs, Black Tern, Antwerp
SULPHATE—10 bgs, 2,240 lbs, Gunny, St Georges
SASSAFRAS ROOT CHIPS—15 bgs, 2,240 lbs, Liberty, London
SOAP, LAUNDRY—64 bxs, 4,304 lbs, Gunny, Trinidad
POWDER—50 bxs, 3,250 lbs, Gunny, Trinidad
TOILET—4 bxs, 144 lbs, Gunny, Trinidad
SODA, NITRATE—600 bgs, 66,138 lbs, Gunny, Martinique
STARCH, POWD—220 bgs, 31,130 lbs, Montreal City, Cardiff
SULPHUR DIOXIDE—1 dm, 3,327 lbs, Normacrey, Buenos Aires
TANNING EXTRACT—250 bbls, 149,684 lbs, Montreal City, Cardiff

Philadelphia Exports
Clearance Dates

Astri, November 14; Barbara, November 17; City of Hankow, November 12; City of Florence, November 9; Cold Harbor, November 17; Crispin, November 12; Exminster, November 10; Ferncliff, November 12; Fulda, November 12; Giulia, November 13; Gulfbird, November 21; Ingrid, November 21; Maidan, November 14; Maine, November 14; Mormacrey, November 11; (Chester) Quaker City, November 12; Svaneholm, November 16; Tunaholm, November 12; Vaclite, November 14; Voco, November 12; Waukegan, November 14; Weltevreden, November 15

ALCOHOL, ETHYL—173 bbls, Barbara, San Juan
ALUMINA SULPHATE — 150 bgs, Maine, Buenaventura; 1,230 bgs, Barbara, San Juan
ANTIKNOCK COMP—65 dms, Maidan, London
BARIUM SULPHATE—12 cks, Cold Harbor, Manchester
CEMENT, GASKET—10 cs, Weltevreden, Singapore
TILE, WATERPROOF—(Tunaholm) 30 dms, Halmstad; 5 ctns, Gothenburg
CHROME ORE — A quantity, Quaker City, Glasgow
ETHYL FLUID—393 pkgs, Fulda, Hamburg; (Exminster) 30 pkgs, Istanbul; 25 pkge, Roumania
GASOLINE—7,000 cs, Ferncliff, Corumba
GREASE, LUBRICATING—20 ctns, 20 pls, 101 dms, 2 bbls, City of Florence, Manila; 2 bxs, Tunaholm, Stockholm; (City of Hankow) 1 dm, Sydney; 8 dms, 18 cs, Adelaide (Weltevreden) 4 bxs, Kuala Lampur; 64 dms, 70 cs, 20 pls, Bangkok; (Cold Harbor) 12 dms, Manchester; 2 dms, 4 cs, 1 pkg, Liverpool
GUM, SYNTHETIC—6 cs, City of Hankow, Sydney
ISO OCTANE—20 cs, Maidan, London
LICORICE EXTRACT—30 dms, Waukegan, Hull
PASTE—275 cs, Waukegan, Hull
LINSEED, CAKE—(Quaker City) 845 pkgs, Liverpool; 315 bgs, Belfast
MEAL—1,500 bgs, Quaker City, Belfast; (Ingrid) 2,103 bgs, Bridgetown; 225 bgs, Georgetown; 1,400 bgs, Port of Spain
MOLASSES—75 bbls, Quaker City, Dublin
NITROCELLULOSE—13 pkgs, Fulda, Bremen
OIL, LUBRICATING—(Giulia) 95 dms, Naples; 833 tons, Genoa; 232 dms, 40 ctns, 5 bbls, City of Florence, Manila; (Tunaholm) 5 dms, Gothenburg; 6 ctns, 8 dms, Stockholm; 9 dms, Malmo; 6,360 bbls, 538 dms, 32 cs, Voco, Alexandria; 10 dms, Quaker City, Dublin; 446 pkgs, Fulda, Hamburg; (Astri) 80 pkgs, Rio de Janeiro; 30 pkgs, Buenos Aires; (Exminster) 15 dms, Tunis; 1,490 pkgs, Piraeus; 780 pkgs, Thessaloniki; 1,145 pkgs, Istanbul; 30 bbls, Varna, 15 dms, Crispin, Pernambuco; (City of Hankow) 156 dms, 1,270 pkgs, Sydney; 170 dms, 27 bbls, Melbourne; 25 dms, 430 pkgs, Brisbane; 5 dms, Fremantle; 104 pkgs, Melbourne; 177 dms, 326 pkgs, 200 pls, Adelaide; 50 pkgs, Suva; 120 bbls, 65 dms, 159 pkgs, Maidan, London; (Ferncliff) 314 cs, 35 pls, 20 qtr dms, 135 bbls, 16 dms, Santos; 47 dms,
OIL, LUBRICATING (Continued):—
170 cs, Asuncion; 21 cs, 5 cs, Buenos Aires; (Svaneholm) 85 ctns, 814 pkgs, Stockholm; 387 pkgs, Malmo; 118 pkgs, Norrkoping; 817 pkgs, Gothenburg; 78 pkgs, Helsingborg; 112 pkgs, Sundsvall; 10 dms, Helsinki; (Weltevreden) 10 dms, Palembang; 5 dms, Medan; 230 pkgs, Singapore; 20 pkgs, Port Swettenham; 109 pkgs, Penang; 80 pkgs, 435 dms, 60 cs, 1 bx, Bangkok; 97 pkgs, Batavia; 15 pkgs, Semarang; 177 pkgs, Sourbaya; 65 dms, Maine, Callao; (Vaclite) 11,413 bbls, Liverpool-London; 17,590 bbls, Bremen; 245 dms, Cold Harbor, Glasgow
PAINT—(Tunaholm) 24 ctns, Gothenburg; 20 kits, Stockholm; 29 dms, Mormacrey, Buenos Aires; 1 cs, City of Hankow, Sydney; 8 pls, Gulfbird, Las Piedras
THINNER—1 bx, Gulfbird, Las Piedras
PARAFFIN—84 bbls, Tunaholm, Srugsund; (Quaker City) 190 bbls, Dublin; 128 bbls, Belfast; 318 bbls, Glasgow; 40 pkgs, Fulda, Bremen
REFINED—120 bgs, Maine, Pasto
PASTE, LUBRICATING, METAL—2 cs, Ferncliff, Sao Paulo
PETROLATUM—111,540 lbs, Vaclite, Liverpool-London
PETROLEUM—33 cs, Waukegan, London
POLISH, AUTO—(Tunaholm) 4 ctns, Gothemburg; 11 ctns, Stockholm
METAL—2 ctns, Tunaholm, Stockholm
RADIATOR SOLDER—10 ctns, City of Florence, Manila
RESIN, SYNTH—5 pkgs, Fulda, Hamburg
RUBBER SOLUT—25 dms, Svaneholm, Malmo
SOAP—4 ctns, 1 cs, City of Florence, Manila
SODA ASH—3 dms, City of Florence, Manila
PHOSPHATE, TRI—340 bgs, Quaker City, Manchester
TAPIOCA—8 cs, Quaker City, Glasgow
TETRAETHYL LEAD—2 bxs, Tunaholm, Sodertalje
TITANIUM DIOXIDE—37 bbls, Ferncliff, Santos
UREA—100 bgs, Tunaholm, Stockholm
VALVE GRINDING COMP—3 ctns, City of Florence, Manila
WAX, AMORPHOUS—12 dms, Maidan, London
FLOOR—1 cs, Maine, Balboa
WEATHERPROOFING COMP—36 pls, Gulfbird, Las Piedras
WOOD PRESERVATIVE—1 pkg, Tunaholm, Stockholm

Port Arthur Exports
Clearance Dates

Ferm, November 6; Frontenac, November 9; Inverdargle, November 10; Tillie Lykes, November 8; Oilreliance, November 5; Steel Ranger, November 4; Turicum, November 10; Vav, November 9
LIQUID—(Tillie Lykes) 1 bx, Aguadilla; 25 dms, Mayaguez; 1 bx, Arecibo; 5 bxs, 115 dms, San Juan

PETROLEUM—10 dms, Steel Ranger, Madras
SOLID—(Tillie Lykes) 10 dms, Ponce; 310 dms, San Juan
CLEANER—25 dms, Steel Ranger, Bombay
GASOLINE—3,000 bbls, 5,000 dms, Steel Ranger, Jeddah; 70,128 bbls, Oil Reliance, London; 291,714 gls, Vav, Thameshaven; 98,549 bbls, Inverdargle, Stockholm-Gothenburg
GREASE, LUBRICATING—(Steel Ranger) 20 cs, Alexandria; 60 dms, 337 cs, 10 ctns, Bombay; 60 dms, 4 cs, Madras; (Tillie Lykes) 1 dm, 10 cs, Mayaguez; 4 cs, Arecibo; 5 dms, 16 cs, Ponce; 4 cs, San Juan; 282 dms, 265 cs, 35 pls, Inverdargle, Gothenburg
KEROSENE—(Tillie Lykes) 500 cs, Aguadilla; 800 cs, Mayaguez; 5 cs, Arecibo; 1,500 cs, San Juan; 11,547 bbls, Inverdargle, Stockholm-Gothenburg
OIL, GAS—59,292 bbls, Turicum, Copenhagen
LUBRICATING—(Tillie Lykes) 35 cs, Aguadilla; 1 dm, 14 cs, Mayaguez; 3 dms, 6 cs, Arecibo; 304 dms, 35 cs, Ponce; 129 dms, 85 cs, San Juan; 5 dms, 22 cs, Fajardo; 965 dms, 613 cs, Inverdargle, Gothenburg; 17,793 bbls, 200 dms, Turicum, Copenhagen
LUBRICATING, BLACK—(Steel Ranger) 5 ctns, Bombay; 20 dms, Madras
LUBRICATING, PALE—(Steel Ranger) 205 dms, 50 cs, Alexandria; 30 dms, Berbera; 5 dms, 11 cs, Karachi; 1,200 dms, 395 cs, Bombay; 5 dms, 10 cs, Colombo; 550 dms, 40 cs, Madras; 5 dms, 10 cs, Calcutta
PAINT SOLVENT—(Tillie Lykes) 3 cs, Ponce; 20 cs, San Juan; 147 dms, 25 cs, Inverdargle, Gothenburg
PARAFFIN—10 cs, Tillie Lykes, San Juan
PETROLEUM, CRUDE—46,998 bbls, Ferm, Genoa; 81,625 bbls, Frontenac, Montreal
WAX DRESSING, LIQ—(Tillie Lykes) 2 cs, Ponce; 7 cs, San Juan

San Francisco Exports
Clearance Dates

Ahamo, November 1; Amerika, November 2; Brajara, November 8; Charcas, November 4; City of Newport News, November 4; H D Collier, November 4; Loch Monar, November 4; Norfolk, November 2; President Monroe, November 5; Taranger, November 3; Tasmania, November 3; Wisconsin, November 1

ACID, CRESYLIC—20 bbls, Charcas, San Antonio
FATTY—50 sks, Norfolk, Costa Rica
MURIATIC—3 cs, President Monroe, Hongkong
NITRIC—(Charcas) 2 cs, Amapala; 1 cs, San Salvador
SULPHURIC—7 dms, Charcas, Acajutla
AMMONIA, ANHYD—45 cyls, President Monroe, Manila
AQUA—(Charcas) 3 crbys, Acajutla; 20 cyls, Tocopilla
SULPHATE—10,000 sks, President Monroe, Manila
APRICOT KERNELS — 100 sks, Amerika, Copenhagen; 25 sks, Loch Monar, England; (Taranger) 10 sks, Belgium; 75 sks, Holland
ASPHALT—(Charcas) 183 bbls, La Union; 772 bbls, Acajutla; 15 dms, President Monroe, Hongkong
BIOLOGICALS—(President Monroe) 2 cs, Singapore; 2 cs, Manila
BLACK, CARBON—2 cs, Charcas, Corinto
BLEACHING POWDER—34 dms, President Monroe, Hongkong
BLUE, LAUNDRY—1 cs, Charcas, San Jose de Guatemala
BORAX—5 cs, Charcas, Cutuco
BRAKE FLUID—5 cs, President Monroe, Singapore
BUTTERMILK, DRD—12 bbls, President Monroe, Manila
CARBON—110 sks, Loch Monar, England
CATGUT—14 cs, President Monroe, Hongkong
CATTLE HORNS—45 sks, Tasmania, Japan
CEMENT, KEENES—100 sks, President Monroe, Manila
ROOF—1 cs, President Monroe, Manila
CHARCOAL—6 cs, President Monroe, Hongkong
CHEMICALS—45 dms, 10 cs, Tasmania, Japan; (President Monroe) 6 kgs, 12 bbls, 30 cs, 8 dms, Shanghai; 1 cs, Penang; 2 kgs, 2 cs, Singapore; 80 dms, Kobe; 2 dms, Hongkong
CHLOROFORM—14 cs, President Monroe, Hongkong
CHLORINE BLEACH, LIQ—(Charcas) 1 cs, San Jose de Guatemala; 2 cs, Guatemala
CINNAMON—150 bls, Norfolk, Mexico; (Charcas) 2 bls, Puntarenas; 4 bls, Santa Rosa de Copas; 5 bls, Corinto; 21 bls, La Libertad; 45 bls, Acajutla; 5 bls, La Union; 20 bls, Champerico; 2 bls, San Juan del Sur
CLEANER—(President Monroe) 4 cs, Canacao; 16 cs, Fort Mills; 6 cs, Manila
CLOVES—4 bls, Norfolk, Costa Rica; (Charcas) 1 sk, Puntarenas; 5 sks, Champerico; 4 sks, Acajutla; 1 sk, San Jose de Guatemala; 1 sk, La Libertad
COALTAR—10 dms, Charcas, La Libertad
COLOR, DRY—1 cs, Charcas, Quezeltenango; 3 kgs, President Monroe, Manila
COPRA—5,773 sks, Norfolk, Chile
CUMIN SEED—(Charcas) 2 sks, Santa Rosa de Copas; 5 sks, Champerico; 2 sks, Acajutla
DENTIFRICE—19 cs, President Monroe, Fort Mills
DISINFECTANT—3 cs, Charcas, Corinto; 1 cs, President Monroe, Manila
HOUSEHOLD—11 dms, President Monroe, Hongkong
EGG YOLK, POWD—2 bbls, City of Newport News, Cristobal
ETHER—21 cs, President Monroe, Hongkong
FERTILIZER—11 sks, 10 cs, President Monroe, Manila
FLUX—1 dm, President Monroe, Hongkong
FLY SPRAY—1 bbl, Charcas, Guayaquil; 5 cs, President Monroe, Manila
GASOLINE—95,000 bbls, H D Collier, Hamburg; (Charcas) 50 cs, Corinto; 15 dms, Champerico; 195 dms, Puntarenas
GLASS, BORAX—2 cs, Charcas, San Salvador
GLUCOSE—(President Monroe) 25 crts, Hongkong; 30 bbls, Manila
GLYCERIN—13 cs, President Monroe, Hongkong
GREASE, LUBRICATING — (Charcas) 62 cs, 3 dms, Rival; 1 pl, San Jose de Guatemala; 1 dm, Corinto; 1 cs, Amapala; (President Monroe) 3 cs, Singapore; 2 cs, Bombay; 70 dms, Fremantle; 64 dms, 5 cs, 30 pls, Manila
HEMPSEED — 1 sk, Charcas, San Jose de Guatemala
HOPS—20 cs, Amerika, Kingston; 15 cs, Norfolk, Mexico; 9 cs, Charcas, Valparaiso; 3 cs, President Monroe, Peking
INK, PRINTING — 106 dms, Charcas, Valparaiso; (President Monroe) 34 cs, Hongkong; 30 pls, 10 dms, 17 cs, Manila; 25 dms, Singapore
WRITING—(President Monroe) 4 cs, Fort Mills; 10 cs, Manila
INSECTICIDE—11 cs, Charcas, San Jose de Guatemala; 21 cs, President Monroe, Fort Mills
AGRICULTURAL—10 dms, Charcas, Guayaquil
KELP, DRD—15 sks, President Monroe, Singapore
KEROSENE—(Norfolk) 200 cs, Costa Rica; 50 cs, Puntarenas
LEAD, METALLIC PASTE—6 pls, Loch Monar, Scotland
RED, DRY—8 dms, President Monroe, Manila
RED, IN OIL—1 cs, Charcas, Quezeltenango
WHITE—2 kgs, Charcas, San Jose de Guatemala
WHITE, IN OIL—1 cs, Charcas, Quezeltenango
LIME—166 dms, Charcas, Acajutla
LITHARGE—2 pls, Charcas, San Salvador; 6 dms, President Monroe, Manila
LYE—2 cs, Charcas, Costa Rica
MEDICINAL PREPS—8 cs, City of Newport News, Paramaribo; 2 cs, Charcas, Puntarenas; (President Monroe) 35 pkgs, Hongkong; 3 cs, Kobe
MILK POWDER—3 bbls, President Monroe, Manila
MILLET SEED—2 sks, Charcas, Guatemala
MINERAL SPTS—235 dms, Norfolk, Chile
NITROGEN—1 dm, Loch Monar, Holland
NUTMEGS—(Charcas) 5 sks, La Libertad; 2 sks, Acajutla; 1 sk, San Jose de Guatemala
OIL—1 dm, Charcas, San Jose de Guatemala
CHINAWOOD—2 dms, Charcas, Santiago
COCONUT—11 dms, Charcas, San Jose de Guatemala
DIESEL—(Ahamo) 40,591 bbls, Shanghai; 40,596 bbls, Hongkong; 87,700 bbls, Brajara, Japan
FISH, HARDENED—100 sks, Norfolk, Ecuador
LINSEED—5 cs, Charcas, Amapala
LUBRICATING—65 bbls, Wisconsin, France; 30 dms, Amerika, Kingston; 257 dms, 25 cs, Norfolk, Costa Rica; (Norfolk) 60 dms, Peru; 40 dms, Chile; 10 dms, Loch Monar, England; (Charcas) 4 cs, Guayaquil; 25 dms, Rival; 5 bbls, Callao; 1 cs, Corinto; 50 dms, Valparaiso; 15 dms, Lima; (President Monroe) 1 cs, Hongkong; 1 cs, Kahahasti; 832 dms, 10 cs, Manila; 590 dms, Fremantle; 100 dms, Moji; 250 dms, Kobe; 62 dms, 20 cs, Singapore
ORANGE—4 cs, Loch Monar, England
PAINT—35 pls, 5 cs, Norfolk, Peru; 6 dms, 18 cs, City of Newport News, Colon; (Charcas) 78 cs, Quezeltenango; 42 kgs, San Sebastian; 51 pls, Mexico City; (President Monroe) 44 cs, 50 pls, Colombo; 38 kgs, 3 cs, Bangkok; 218 kgs, 219 cs, 4 dms, 50 pls, Manila
ALUMINUM—4 cs, President Monroe, Manila
DRIERS—5 cs, President Monroe, Manila
ENAMEL—17 cs, President Monroe, Manila
LIQUID—181 cs, President Monroe, Manila
PASTE — 16 cs, Charcas, Amapala; 2 cs, President Monroe, Manila
THINNER—2 cs, President Monroe, Bangkok; 1 pl, Charcas, Mexico City
PASTE, ADHES—5 pkgs, President Monroe, Manila
PEPPER, BLACK—(Norfolk) 8 sks, South America; 3 sks, 1 dm, Costa Rica; (Charcas) 2 sks, Santa Rosa de Copas; 5 sks, Champerico; 3 sks, Corinto; 31 sks, San Jose de Guatemala; 10 sks, Acajuta; 25 sks, Manzanillo; 2 sks, La Libertad
PETROLATUM—15 cs, 15 dms, President Monroe, Hongkong
PETROLEUM—1 dm, Wisconsin, Holland
SPIRITS—50 dms, Norfolk, Chile
PINETAR—1 dm, Charcas, San Jose de Guatemala
PITCH—1 bbl, Charcas, San Jose de Guatemala
POLISH—7 cs, President Monroe, Manila
FLOOR—9 cs, President Monroe, Fort Mills
METAL—1 cs, Charcas, Amapala
SHOE—16 cs, President Monroe, Manila
SILVER—2 cs, Charcas, Guatemala
POTASH COMPOUND—3 cs, President Monroe, Hongkong
XANTHATE — 2 dms, Norfolk, Peru; 240 dms, Charcas, Chanaral
PUTTY—1 pl, Norfolk, Canal Zone; (Charcas) 1 cs, La Libertad; 1 cs, San Jose de Guatemala; 1 cs, Amapala; 20 kgs, President Monroe, Manila
RESIN, SYNTH—22 dms, President Monroe, Hongkong
ROSIN GUM—12 bbls, Tasmania, Japan
SALT—2 bls, 1 sk, Charcas, La Libertad; (President Monroe) 50 cs, Singapore; 125 sks, Manila
SALTPETER—1 csk, Charcas, Corinto
SAND—340 dms, President Monroe, Manila
SCOURING COMP—9 cs, President Monroe, Fort Mills
SIZE—2 cs, President Monroe, Manila
SOAP, TOILET—(President Monroe) 5 cs, Manila; 86 cs, Fort Mills; 2 cs, Rizal
SODA—(President Monroe) 10 cs, Penang; 5 kgs, Singapore; 21 cs, Shanghai
BICARBONATE—(Charcas) 3 bbls, San Salvador; 4 cs, Guatemala
SILICATE—1 bbl, 667 sks, President Monroe, Manila
SOLVENTS—62 dms, Wisconsin, Holland; 17 dms, Loch Monar, Holland
BATHROOM—2 cs, Charcas, Guatemala
DRAINPIPE—2 cs, Charcas, Guatemala
SPONGES—1 cs, President Monroe, Fort Mills
STAIN, WOOD—1 cs, Charcas, San Jose de Guatemala
SULPHUR—10 sks, Charcas, Corinto
ROCK—33 sks, Charcas, San Jose de Guatemala
TALC, WHITE—20 sks, Charcas, Corinto
TALLOW—40 dms, Charcas, San Juan del Sur
TAPIOCA—3 sks, Charcas, San Jose de Guatemala
PEARL—5 sks, Norfolk, South America
TAR—7 dms, Charcas, San Jose de Guatemala
TOILET PREPS—1 cs, Charcas, Guatemala; 10 cs, Wisconsin, Panama; (President Monroe) 103 cs, Manila; 53 cs, Fort Mills; 14 cs, Rizal; 1 cs, Bangkok; 4 pkgs, Shanghai; 10 cs, Baguio; 2 cs, Canacao; 1 cs, Cebu; 2 cs, Ipoh; 4 cs, Colombo; 11 cs, Hongkong; 3 cs, Madras; 2 cs, City of Newport News, Panama
VARNISH—4 dms, Charcas, Mexico; (President Monroe) 46 cs, 20 kgs, Manila; 6 cs, Hongkong; 1 cs, Bangkok
WATER, MINERAL—400 cs, President Monroe, Manila
WAX—14 cs, President Monroe, Manila
FLOOR—3 cs, Charcas, Quezeltenango
ZINC DUST—42 cs, Wisconsin, Venezuela; 10 cs, Charcas, La Union
HYDROSULPHITE—220 dms, Charcas, Manzanillo

Savannah Exports
Clearance Dates

Beaconsfield, November 15; Chinese Prince, November 13; Port Campbell, November 17; San Felipe, November 14; Sundance, November 14

CLAY—(Sundance) 380 bgs, Hamburg; 8,200 bgs, Manchester
COTTON LINTERS—150 bls, Sundance, Manchester
GLUCOSE—215 bbls, Chinese Prince, Manila
OIL, PINE—12 dms, Chinese Prince, Manila; (Port Campbell) 9 dms, Melbourne; 5 dms, Fremantle; 18 dms, Sydney
ROSIN—3 dms, Sundance, Liverpool
PINETAR—(Port Campbell) 5 dms, Sydney; 8 dms, Melbourne
ROSIN, GUM—(Sundance) 160 bbls, Liverpool; 75 bbls, Hamburg; 200 bbls, Czechoslovakia; 90 bbls, Bourgas; 100 bbls, Chinese Prince, Tsingtao; (San Felipe) 80 dms, Cartagena; 20 dms, Valdivia; (Port Campbell) 50 bbls, Brisbane; 467 bbls, Sydney; 266 bbls, Melbourne; (Beaconsfield) 37 bbls, London; 100 bbls, Rotterdam; 50 bbls, Antwerp; 75 bbls, Hamburg; 575 bbls, Czechoslovakia
WOOD—50 dms, Chinese Prince, Manila; (Port Campbell) 20 bbls, Brisbane; 20 bbls, 1 pkg, Sydney; 105 dms, Melbourne; 5 bbls, Fremantle; 25 bbls, Adelaide
TURPENTINE GUM—(Sundance) 175 bbls, Liverpool; 50 bbls, Manchester; (San Felipe) 50 dms, Callao; 20 dms, Salaverry; 25 dms, Valparaiso; 60 dms, 180 cs, Talcahuano; 40 cs, Antofagasta; (Port Campbell) 23 dms, 245 cs, Brisbane; 50 pls, 144 dms, 900 cs, Sydney; 655 cs, 50 pls, 398 dms, Melbourne; 50 cs, 5 dms, Fremantle; 150 cs, 55 dms, Adelaide; (Beaconsfield) 1,000 bbls, London; 100 bbls, 200 dms, Hamburg
WOOD—(Port Campbell) 50 bbls, Brisbane; 367 bbls, Melbourne; 52 dms, Fremantle; 195 bbls, Sydney; 95 bbls, Adelaide; 33 bbls, Beaconsfield, Hamburg

Tampa Exports
Clearance Dates

Etna, November 14; Goldfield, November 10; Sally, November 12; Strassa, November 12

BAKING POWDER—15 cs, Goldfield, Georgetown
DRUGS—3 bxs, Goldfield, Georgetown
GASOLINE—58 dms, Goldfield, Georgetown; 5 dms, Sally, Belize
KEROSENE—35 dms, Goldfield, Georgetown
PHOSPHATE—4,162 tons, Etna, Landskrona; 7,495 tons, Strassa, Norresundby and Aalborg
SOAP, LAUNDRY—24 cs, Goldfield, Georgetown
STARCH, CORN—16 cs, Goldfield, Georgetown

Coastwise Shipments

Corpus Christi Coast Trade

GASOLINE—30,841 bbls, Chiloil, New York; 16,611 bbls, Pan Maine, New York; 80,217 bbls, C J Barkdull, Baytown; 91,353 bbls, John Worthington, Baytown; 96,283 bbls, Esso Bayonne, Baytown
KEROSENE—21,808 bbls, Tide Penn, Carteret, N J
OIL, FUEL—219 bbls, Roxane, Baytown; 35,925 bbls, Gulfgem, Carteret, N J; 59,572 bbls, W L Steed, Baytown; 1,976 bbls, John Worthington, Baytown
GAS—(Dixiano) 43,563 bbls, New York; 43,763 bbls, Carteret, N J; 55,611 bbls, Tide Penn, Carteret, N J; 24,403 bbls, Chiloil, New York; 67,874 bbls, Dilworth.
OIL, GAS (Continued):—
Sewaren, N J; 77,661 bbls, Swiftsaure, Sewaren, N J
PETROLEUM, CRUDE—87,289 bbls, Sylvan Arrow, Providence, R I; 195,970 bbls, Thermo, Texas City; 67,924 bbls, Pennsylvania, Port Neches; (Dannadaike) 137,751 bbls, Texas City; 45,104 bbls, Baytown; 140,917 bbls, Charles G Black, Baytown; 110,322 bbls, J A Moffett, Jr, Baytown; 71,107 bbls, Federal, Houston; 73,083 bbls, Atlas, New York; 72,824 bbls, Ario, New York; 70,268 bbls, George W Barnes, Baytown; 65,362 bbls, Watertown, Baytown; 36,518 bbls, Gulfgem, Carteret, N J; 22,360 bbls, Paco, Baytown; 48,827 bbls, Wm Rockefeller, Baytown; 110,997 bbls, Charles Pratt, Baytown; 110,031 bbls, James McGee, Baytown; 111,571

Business Wants and Offers

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Agencies Wanted

SWITZERLAND—Active and well established firm, best references, would be interested in securing American agencies for the sale of chemicals, oils, waxes, solvents and similar raw materials. Prepared to buy for own account or on commission basis. BOX 180, Oil, Paint and Drug Reporter.

HIGHLY RESPONSIBLE New York export organization successfully handling industrial chemicals and allied products, with important connections Continental Europe and India interested agencies American manufacturers desirous building up export market. BOX 182, Oil, Paint and Drug Reporter.

HOLLAND AND COLONIES: Active and well established firm with branch on Java would be interested in American agencies for the sale of fine chemicals, drugs, essential oils (pharmaceutical use). Buying for own account if required. BOX 197, Oil, Paint and Drug Reporter.

ESTABLISHED FIRM covering part of Ohio and Louisville, Kentucky, would be interested in representing producers of raw materials for the paper, soap, paint, rubber, ink or other industries. BOX 199, Oil, Paint and Drug Reporter.

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EUROPEAN EXPORTERS of caraway seeds, poppy seeds and olive oil want agent for sale in United States of America. BOX 204, Oil, Paint and Drug Reporter.

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BRICK BUILDING, one story, 6,600 sq. ft. concrete floor, high ceiling, concrete floor with drains, high pressure boiler, yard. Unrestricted district in Brooklyn. The R. L. Kraft Company, Woolworth Building, New York City. COrtlandt 7-9377.

Equipment Offered

FOR SALE—One belt driven 12 inches by 30 inches water cooled Kent roller mill. BOX 178, Oil, Paint and Drug Reporter.

Equipment Offered

CONSOLIDATED OFFERS.—Ten No. 3 Rotex sifters, motor driven; two 24-inch Mikro pulverizers; twelve vacuum dryers, shelf and rotary type; nine W. & P. mixers; five Sweetland filters; twenty plate type filter presses; thirty centrifugal machines; miscellaneous; rotary dryers, pulverizers, jacketed kettles, etc. Send for complete listing. We buy and sell from a single item to a complete plant. Consolidated Products Co., Inc., 15-17-19 Park Row, New York City.

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Materials Offered

WE OFFER—25 tons columbite; 1,000 pounds pitchblende; 500 pounds gadolinite; 1,000 pounds pollucite; 500 tons each wollastonite, zircon; 1,000 tons each fluorite, olivine, nepheline, sericite; 100 tons each amblygonite, rhodocrosite, selenite, vermiculite. BOX 208, Oil, Paint and Drug Reporter.

Positions Vacant

ASSISTANT to technical director—Thoroughly experienced in the formulation and manufacture of trade sales line of paints, varnishes, enamels. Should have practical knowledge of synthetic resins. The man we want should be capable of advancing to the position of technical director; he is undoubtedly employed now in a responsible position, but would be interested in an exceptional opportunity with an old-established progressive company. Substantial salary—unusual opportunity. Location—near New York City. Write fully giving complete experience, training and qualifications. All replies confidential. BOX 193, Oil, Paint and Drug Reporter.

Positions Vacant

WANTED: Research director and consultant for manufacturing department in mid-western pharmaceutical concern. Must be graduate pharmacist and have Ph.D. degree as well. Not over 40 years of age. Prefer man with practical knowledge of pharmaceutical manufacturing and must have executive ability. BOX 202, Oil, Paint and Drug Reporter.

WE DESIRE the services of party to take charge of laboratory and plant control. Must be a graduate chemist and excellent formulator of maintenance, master painters' products, and shelf goods. Excellent opportunity. Good salary. No application considered unless full details of past experience is given in first letter. BOX 203, Oil, Paint and Drug Reporter.

SALES MANAGER, experienced, to introduce a line of pharmaceutical specialties of endocrine origin to the medical profession. BOX 206, Oil, Paint and Drug Reporter.

BIOLOGICAL CHEMIST experienced in the field of endocrinology and the production of natural and synthetic hormones. BOX 207, Oil, Paint and Drug Reporter.

Positions Wanted

AVAILABLE—Chemist-chemical engineer. Seven years experience with phenolic, alkyd, natural resins and all types protective coatings. Excellent record in directing men and research and rather well known in paint industry. Now employed. Seeks position as technical director or equivalent with paint or resin concern. BOX 188, Oil, Paint and Drug Reporter.

TECHNICAL DIRECTOR, superintendent paints, varnishes, synthetic resins, 18 years experience formulating and production, shelf and industrial, desires new connection. Have processes effecting important savings in synthetic resin varnish manufacture. Thoroughly familiar with every phase paint, varnish. BOX 191, Oil, Paint and Drug Reporter.

Positions Wanted

VARNISH MAKER; thorough practical experience, both natural and synthetic able to formulate. BOX 196, Oil, Paint and Drug Reporter.

CHEMICAL ENGINEER, recent graduate, wishes to exchange ability and hard work for a definite future in oil and paint industry. Some previous analytical experience with oils. Salary of secondary importance. BOX 198, Oil, Paint and Drug Reporter.

RESEARCH EXPERIENCE six months in electrochemistry. Honor student B. S. 1938. Sound background general, organic and chemical engineering. Desire plant or laboratory position in any branch of chemistry. Change necessitated by sale of plant. Location immaterial. BOX 200, Oil, Paint and Drug Reporter.

TECHNOLOGIST with many years experience in the formulation and manufacture of dry colors and pigments for the printing ink and kindred trades; also applied knowledge of printing inks. Advertiser desires position where expert knowledge could be fully utilized. BOX 201, Oil, Paint and Drug Reporter.

MAN—long experience—sales, office and paint factory details. Seeks opening with reliable paint manufacturer as assistant or in office. Reasonable salary. Eventually purchase an interest in the business if possible. BOX 205, Oil, Paint and Drug Reporter.

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PETROLEUM, CRUDE (Continued):—
bbls, F Q Barstow, Baytown; 141,763
bbls, G Harrison Smith, Baytown; 148,960
bbls, John D Archbold, Baytown

Galveston Coast Trade

SULPHUR—2,250 tons, W R Keever, Portland

Los Angeles Coast Trade

GASOLINE—7,824 bbls, San Diegan, San Diego; 30,387 bbls, Edwin B de Golio, Richmond; 10,890 bbls, Tejon, Portland; 72,498 bbls, Huguenot, Portland; 5,151 bbls, San Diegan, San Diego; 62,449 bbls, Mojave, Seattle; 45,229 bbls, Warwick, Oleum; 73,000 bbls, Harvester, Sewaren

OIL, DIESEL—2,649 bbls, Tejon, Portland; 31,419 bbls, Lebec, Seattle; 8,350 bbls, Huguenot, Portland; 13,130 bbls, Mojave, Seattle

FUEL—68,455 bbls, Mericos H Whittier, Avon; 2,433 bbls, Coast Merchant, Portland; 52,983 bbls, Tejon, Portland; 32,498 bbls, Lebec, Seattle; 48,530 bbls, Torres, Portland; 50,821 bbls, Brazos, San Diego; 65,194 bbls, Frank G Drum, Avon; 7,568 bbls, Mojave, Seattle; 7,348 bbls, Stanley Griffiths, Seattle; 1,821 bbls, Scotia, Eureka

FURNACE—7,037 bbls, Edwin B de Golio, Richmond; 3,324 bbls, Tejon, Portland; 6,876 bbls, Lebec, Seattle

GAS—9,321 bbls, La Brea, Oleum

New Orleans Coast Trade

CHEMICALS—10 kgs, Syros, Houston

Port Arthur Coast Trade

OIL, FUEL—26,232 bbls, Lincoln Ellsworth, Flushing
25,005 bbls, Lincoln Ellsworth, Flushing

Cargo Ship Arrivals

November 19 to December 2

New York

Absaroka	Portland*	Nov 29
Agwistar	Tampico*	Nov 21
Alaskan	Tacoma*	Nov 22
Alaunia	Southampton*	Nov 29
Alex Van Opstal	Antwerp	Nov 29
Amagisan	Yokohama*	Nov 23
American Banker	London*	Nov 28
American Importer	Manchester*	Nov 28
American Shipper	London*	Nov 22
Asakasan	Singapore*	Nov 30
Bacchus	Ciudad Bolivar*	Nov 29
Barbarigo	Trieste*	Nov 21
Bassano	Hull*	Nov 28
Belos	Hernosand*	Nov 26
Bergensfjord	Oslo*	Dec 2
Black Falcon	Rotterdam*	Nov 23
Black Heron	Rotterdam*	Nov 28
Borinquen	Trujillo*	Nov 21
Britannic	Liverpool*	Nov 21
Bruyere	Rosario*	Nov 21
Buenaventura	Port au Prince*	Nov 28
Californian	Tacoma*	Dec 1
Calmar	Portland*	Nov 26
Calypso	Maracaibo*	Nov 21
Cape Race	Bahia*	Nov 24
Carolina Thorden	Kotka*	Nov 30
Champlain	Havre*	Nov 30
Chateau Thierry	Cristobal*	Nov 30
Chiriqui	Puerto Colombia*	Nov 24
City of Newport News	San Francisco*	Nov 21
City of Wellington	Calcutta*	Nov 30
Clement	Bahia*	Dec 2
Coamo	Trujillo City*	Nov 28
Collamer	Dunkirk*	Nov 26
Columbus	Bremen*	Dec 2
Cristobal	Cristobal*	Nov 21
Deutschland	Hamburg*	Nov 25
Drottningholm	Gothenburg	Nov 25
Edam	Rotterdam	Nov 30
Eskbank	Shanghai*	Nov 23
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Imports Detained

Detentions recently effected at various ports by United States authorities on determinations by the Food and Drug Administration that products offered for import were adulterated or misbranded under the Federal food and drug act, or did not comply with other customs regulations, included the following articles for the reasons stated:—

New York

Week Ended November 22

Acid, nicotinic, 1 case; damaged by sea water.

Balsam, Nicaraguan, 20 cases; restricted use.

Bitters, 184 cases; false therapeutic claims.

Caraway seed, 50 bags; filthy.

Cassia oil, 40 drums, not U.S.P.

Cod oil, industrial, 600 barrels; restricted use.

Cumin seed, 160 bags; filthy.

Endocarbone echantillous, 1 case; deficient in carbon; false and misleading statements.

Epinephrine, ampoules, 10 boxes; contains undeclared sulfite.

Estrogenic preparation, 2 cases; deficient in glandular content, false and misleading statements.

Ergot, 18 cases; not U.S.P.

Hearts of palms, 25 cases; no quantity of contents statement.

Liver extract, 2 cases; not U.S.P.

Mace, 5 cases; moldy and worm-eaten.

Mace, 1 case; insect-damaged.

Medicinal preparation, 2 cases; false therapeutic claims.

Quinine bichlo-hydrate, ampoules, 1 case; deficient in quinine hydrochloride.

Pollack liver oil, 1,503 drums; restricted use.

Boston

Week Ended November 22

Cocoa beans, 4 bags; water damaged.

Philadelphia

Week Ended November 22

Homeopathic tinctures, 4 packages; alcohol not declared.

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Dichlorethylene—"Di-60"	140.5	10.70
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Chloroform	142.2	12.43
Carbon Tetrachloride	170.1	13.31
Trichlorethylene	188.1	12.20
Trichlorethane (Beta)	236.3	12.04
Tetrachlorethylene (Perchlorethylene)	249.4	13.55
Tetrachlorethane (Acetylene Tetrachloride)	295.3	13.31
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